

Sixth Edition
Revised

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LABORATORY ANIMALS PART II

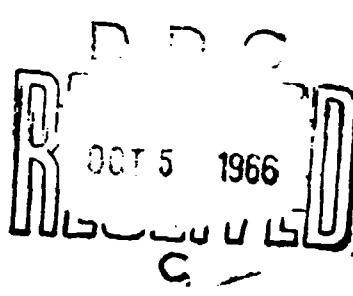
LABORATORY ANIMALS part II ANIMALS FOR RESEARCH

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LABORATORY ANIMALS part II

ANIMALS FOR RESEARCH

**A Directory of Sources of
Laboratory Animals, Tissues and Fluids,
Equipment, and Materials**

Revised August 1966

A Report of the
INSTITUTE OF LABORATORY ANIMAL RESOURCES
National Academy of Sciences
National Research Council

Publication 1413

NATIONAL ACADEMY OF SCIENCES - NATIONAL RESEARCH COUNCIL
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The Institute of Laboratory Animal Resources of the National Academy of Sciences—National Research Council presents this directory as a service to the scientific community. It makes no claims for the animal stocks, laboratory animal equipment, or materials listed herein. The Institute does not recommend or endorse any breeder, supplier, importer, collector, or manufacturer, nor does it recommend or endorse any product. No claim is made for the authenticity of either scientific or vernacular names. The information in this directory is essentially that submitted by the various commercial organizations listed.

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INSTITUTE OF LABORATORY ANIMAL RESOURCES

The Institute of Laboratory Animal Resources, established in 1952 under the Division of Biology and Agriculture of the National Academy of Sciences—National Research Council, serves as an advisory body in the field of laboratory animal supply and quality. It acts as an information center and prepares reports on laboratory animal subjects. The Institute, its Advisory Council and Committees, may act on their own initiative or on request from public or private agencies.

The members of the Advisory Council and the Committees are appointed from among leaders in biological research, veterinary medicine, and the breeding industry on the basis of their qualifications of experience and judgment to deal with the broad problems that come before them. Members of the Advisory Council and Committees serve without compensation beyond their actual expenses.

Financial support for the activities and publications of the Institute is provided by grants from and contracts with the Office of Naval Research, U.S. Army, U.S. Air Force, U.S. Atomic Energy Commission, U.S. Public Health Service, American Cancer Society, Inc., and the pharmaceutical and related industries.

FOREWORD

Established in 1952, the Institute of Laboratory Animal Resources has, since its inception, served as a focal point for information on the supply and quality of experimental animals. Five previous issues of this directory have contributed greatly to the proper provisioning of animals for research, testing, and teaching programs in the United States. The Institute's information center has assisted biological and medical scientists in obtaining appropriate animal species for experimental programs. Continuous surveys of available supplies of the common laboratory animals have made possible the matching of research demand with commercial supply. In the area of animal quality, the Institute has developed standards for the production, procurement, care, maintenance, shipment, and utilization of experimental animals.

This directory was edited by Mary B. Sundborg. Staff contributions to the preparation of this publication were made by Robert H. Yager, Executive Secretary, and Francis J. Judge, Assistant Executive Secretary.

DIRECTIONS FOR USE OF THE DIRECTORY

The directory is divided into the following sections:

1. Section I, pages 3 to 20, comprises the listings for the common domestic animals (chickens, turkeys, non-inbred mice, inbred mice, hybrid mice, rats, hamsters, guinea pigs, dogs, cats, cattle, goats, sheep, and swine). Species are arranged by strain designation, strain origin, breeding system, and coded name and address of supplier.
2. Section II, pages 23 to 53, lists the commercially available animals obtained from nature in phylogenetic order, beginning with the Protozoa and ending with the Chordata. Scientific name, common name, and coded name and address of supplier are given.
3. Section III, page 57 lists sources of tissues, organs, and fluids of various species used in research.
4. Section IV, pages 61 to 70, indicates suppliers and manufacturers of ancillary laboratory equipment, cages, feed, germ-free equipment, and washing machines. Species of animals for which they can be used, and coded name and address of supplier are provided.
5. Section V, pages 73 to 89, gives the coded names, addresses, and telephone numbers of suppliers whose animals, equipment, and materials are listed in the directory.
6. Section VI, pages 93 to 95, is composed of two indexes—common animal name and scientific name.

For further information please contact us by telephone—area code 202-961-1692; or by mail—
Institute of Laboratory Animal Resources,
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**COMMON DOMESTIC
LABORATORY ANIMALS**

GALLIFORMES

DOMESTIC CHICKS (*Gallus domesticus*)

| Strain Designation | Strain Origin | Breeding System | Code |
|--------------------------------------|---------------------------|---------------------|--------------------|
| Babcock B-300 | S.C. White Leghorn | Strain cross | BAB |
| B. boock B-310 | S.C. White Leghorn | Strain cross | BAB |
| Babcock B-370 | Synthetic x White Leghorn | Breed cross | BAB |
| Babcock B-390 | R.I.R. x B.P.R. | Breed cross | BAB |
| Bantam, common | | | MAZ, WHI, WIG |
| Bantam | 12 Varieties | Controlled | THR |
| Barred rocks | | | BAB |
| Black Australorp | Edmonds | Family-progeny test | COF |
| California Grays | | | BAB |
| New Hampshires | Hubbard Farms | Pedigree | HUB |
| New Hampshires | Larabee | Family-progeny test | COF |
| Red Rock | | | SUN |
| Rhode Island Reds | | Random | BAB, HIL, MAZ, SUN |
| Rhode Island Reds | Parmenter | Linebred | TRS |
| Rhode Island Reds, S.C. | Edmonds | Family-progeny test | COF |
| Round head game chicken | | Controlled | THR |
| Sexlink | Harco | Crossbred | TRS |
| White broiler-type S-6 PPLO negative | Numerous crosses | Crossbred | TRS |
| White Hackel game chicken | | Controlled | THR |
| White Leghorns | | Controlled | REA, THR |
| White Leghorns | Babcock | Strain cross | TRS |
| White Leghorns | DeKalb | Inbred cross | TRS |
| White Leghorns | Dryden | Family-progeny test | COF |
| White Leghorns | Kimber | Pedigree | HUB |
| White Leghorns | | BxS | SHB |
| White Leghorns | | Linebred | BAB, SHB |
| White Leghorns | | Random | HIL, SUN |
| White Leghorns, S.C. #30 | Mt. Hope | Linebred | TOW |
| White Rock | | | MAZ |
| White Rock | Lawton | Family-progeny test | COF |
| Wt. Mountain Cross | Hubbard Farms | Pedigree | HUB |

Refer to USDA, ARS-44-6, revised February 1966, "Hatcheries and Dealers Participating in the National Poultry Improvement Plan." Available from USDA, Agricultural Research Service, Beltsville, Md. 20705

DOMESTIC CHICK EMBRYOS (*Gallus domesticus*)

| | | | |
|------------------|-----------|---------------------|-----|
| Black Australorp | Edmonds | Family-progeny test | COF |
| New Hampshire | Larabee | Family-progeny test | COF |
| Rhode Island Red | Parmenter | Linebred | TRS |
| Sexlink | Harco | Crossbred | TRS |

DOMESTIC CHICK EMBRYOS (*Gallus domesticus*) Continued

| Strain Designation | Strain Origin | Breeding System | Code |
|---|------------------|------------------------|------|
| S.C. #30 | Mt. Hope | Linebred | TOW |
| SPAFAS RIF free | Mt. Hope | Closed colony | SPA |
| SPAFAS SPF | Mt. Hope | Closed colony | SPA |
| White broiler-type S-6 PPLO negative | Numerous crosses | Crossbred | TRS |
| White Leghorn | | | SUN |
| White Leghorn | Babcock | Strain cross | TRS |
| White Leghorn | DeKalb | Inbred cross | TRS |
| White Leghorn | Dryden | Family-progeny test | COF |

DOMESTIC TURKEYS AND EMBRYOS (*Meleagris gallopavo*)

| | | | |
|--|----------------|----------|-----|
| Beltsville White | USDA | Linebred | TRB |
| Broad-breasted bronze | Sunny Slope | Linebred | TRB |
| Turkeys | Not designated | | MAZ |
| Refer to USDA, ARS-44-8, revised March 1968, "Participants in the National Turkey Improvement Plan." Available from USDA, Agricultural Research Service, Beltsville, Md. 20705 | | | |

LAGOMORPHA

DOMESTIC RABBITS (*Oryctolagus cuniculus*)

| | | | |
|-------------------|--|-----------|--------------------------|
| American Blue | | Selective | TOB |
| American Dutch | England, originally | Random | CEB |
| Black Rex | Castor Rex | Linebred | CLO |
| Blue Rex | | Linebred | RED |
| Californian | | Linebred | CAO, HEL, PEZ, WAY |
| Californian | | Random | BAA, CEB, NEA, RED, SIG |
| Checkered Giant | | Selective | HIL, MOS |
| Chinchilla | | Linebred | CAM, HEM |
| Chinob'la | | Random | DIE, PEZ, ROC, STK |
| Chinchilla | | Selective | ASI, HIL, LAN, TOB |
| Chinchilla, Giant | Dr. A. DeCastro, Switzerland | Linebred | CLO |
| Chinchilla, Giant | Long-eared, crossed with Flemish Giants | Linebred | LAH |
| Chinchilla, Giant | MCRI | Linebred | MAM |
| Creme de Argent | | Selective | TOB |
| Dutch | | Linebred | CAM, HEM, HEN, PAI, RES, |
| | | | WHI |
| Dutch | Paradise and Stedman | Linebred | TOB |
| Dutch | | Random | CZE, DIE, MOS, ROC |
| Dutch | | Selective | RED, THR |
| Dutch, black | Hel 'C' Bob | Linebred | HEL, MAZ |
| Dutch, blue | Hel 'C' Bob | Linebred | HEL |
| Dutch, miniature | | | WHI |
| Dutch Belt | Black, blue, brown, tortoise | Random | HAU |
| Dutch Belt | | Selective | ASI, HIL, MAR |
| English spots | | Selective | ASI |
| Flemish | | Random | MAZ |

DOMESTIC RABBITS (*Oryctolagus cuniculus*) Continued

| Strain Designation | Strain Origin | Breeding System | Code |
|---|--|---------------------|---|
| Flemish Giant | | Linebred | CAM, HEM, TOB |
| Flemish Giant | | Selective | ASI, HIL |
| HAL/FON/GNO (gnotobiotic) | Caesarean-derived from HAL/FON/PAF | Random | HAZ |
| HAL/FON/PAF (free of commonly occur- ring pathogens and parasites) | USDA Rabbit Expt. Station, Fontana, Calif., via S.K.F. | Random | HAZ |
| HAL/FON/SPF (specific pathogen-free) | HAL/FON/GNO | Random | HAZ |
| Fairhaven, gold with black or brown | Imported stock, inbred 5 yr. | BxS | COA |
| Havana | | Selective | TOB |
| Havana Rex | Castor Rex | Linebred | CLO |
| Miniature Rabbits | Henry's, black, chocolate | Inbred | HEN |
| Miniature Rabbits | Henry's, white (with ruby or blue eyes) | Linebred | HEN |
| Himalayan | | Selective | TOB |
| Lilacs | | Selective | TOB |
| Lone Maple | | Linebred | LOM |
| New Zealand Black, Blue, Chocolate | Bardal Rabbitry Chester, Vt. | Inbred and Linebred | PAI |
| New Zealand Black | | | WHI |
| New Zealand Red | | Selective | ASI, LAH, LAN |
| New Zealand Red | | Random | STK |
| New Zealand White | | Linebred | SAR, BEJ, CAM, CAO, CLO, COE, HAU, HBA, HEL, HEM, HEN, KAN, LAR, MAM, MOS, PAL, POC, RES, ROW, SAN, TOB, ZAR |
| New Zealand White | | Random | ALB, ARF, BAA, BEI, CAN, CIR, COE, CZE, DIE, ELM, FAB, FLL, GOL, GOR, HAT, HAU, HEN, HIC, KEN, LAA, MAI, MAR, MAZ, MDX, MOS, MYE, NEA, PEP, PEZ, QUE, ROC, SCL, SIG, STE, STK, STT, WAY, WEE, WHI, WIG |
| New Zealand White | | Selective | ASI, CKR, HIL, IBA, LAN, LIG, NEW, PUS, RED, THR |
| N.Z.W. Miniature | Pocono Rabbit F4 and F6 | BxS | POC |
| Polish | | Selective | ASI |
| Polish, Black | | Selective | HEL, TOB |
| Polish, Black | | Random | SIG, WHI |
| Polish, Blue | | Random | SIG, WHI |
| Polish, Blue | | Selective | TOB |
| Polish, Chocolate | | Linebred | HEL, TOB |
| Polish, White (blue- eyed) | Hel 'C' Bob | Linebred | HEL |
| Polish, White (ruby- eyed) | Hel 'C' Bob | Linebred | HEL |
| Polish, White (ruby- eyed) | | Random | SIG |
| Polish, White (ruby- eyed) | Duquesne and Everett | Linebred | TOB |
| Rex (Castor colors) | Castor Rex | Linebred | CLO |
| Rex | | Selective | ASI, TOB |
| Silver Marten | | Linebred | PEZ |

DOMESTIC RABBITS (*Oryctolagus cuniculus*) Continued

| Strain Designation | Str'n Origin | Breeding System | Code |
|-----------------------------|--------------|-----------------|--|
| White Rex Not designated | Castor Rex | Linebred | CLO CZE, HAT, KAN, LAN, LEM, LOM, MYE, STE |

RODENTIA

NON-INBRED LABORATORY MICE (*Mus musculus*)

| | | | |
|--|---|--------------------------|----------|
| Albino | Inst. for Cancer Research | Random | MBR |
| Albino | | Random | HAT |
| ARS/Ha/ICR (axenic) | | Random | SCH |
| ARS/Ha/ICR | Dr. Hauschka, Roswell Park | Random | SCH |
| ARS/STS | Dr. Boutwell, Univ. of Wis. | Random | SCH |
| BSF/CF1 | CF1 Descendant | Random | BLU |
| BSF ICR | Inst. for Cancer Research | Random | BLU |
| C57 | | Random | LAA |
| CBL ICR | Charles River | Random | CAN |
| CBL Swiss-Webster | Swiss-Webster | Random | CAN |
| CF- No. 1 | Carworth, Inc. USA | Random | QUE |
| Charles River CD [®] -1 (axenic) | Charles River CD [®] -1 | Random | CHA |
| Charles River CD [®] -1 (barrier sustained) | Caesarean-derived from Hauschka and Mirand ICR, Roswell Park | Random | CHA |
| Charles River CD [®] -1 (isolator reared defined flora) | Charles River CD [®] -1 | Random | CHA |
| CF #1 | Carworth | Random | CAW |
| CF #1 (axenic) | CF #1 | Random | CAW |
| CFW | Webster-Rockefeller | Random | CAW |
| CFW (axenic) | CFW | Random | CAW |
| COX/ICR | ICR | Random | LAI |
| COX/ICR,(gnotobiotic) | ICR | Random | LAI |
| COX/Standard | Lilly | Random | LAI |
| COX/Swiss | Webster-Rockefeller | Random | LAI |
| CVI (agouti) | | Selective Random bred | CUM |
| DFW | Webster-Rockefeller | Random | CAW |
| DUB/ICR | Inst. for Cancer Research | Random | DUB |
| DUB/SW Swiss-Webster | S/W | Random | DUB |
| Gofmcor ICR | Inst. for Cancer Research | Random | GOF |
| HA/ICR | Hauschka, Roswell Park | Random | CUM |
| HA/ICR | Inst. for Cancer Research | Random | MBR |
| ICR | Hauschka | Random | CAM, HEM |

NON-INBRED LABORATORY MICE (*Mus musculus*) Continued

| Strain Designation | Strain Origin | Breeding System | Code |
|----------------------------|---|---|---|
| ICR | Inst. for Cancer Research | Random | CAM, DIE, HBA, HEM, OCT, ROC, ROY, SCL, WIN |
| MBR/ICR | Inst. for Cancer Research | Random | MBR |
| MF #1 | | Random | MAR |
| MF-1-A (axenic) | Manor Farms | Random | MAL |
| MF-1-C (conventional) | Manor Farms | Random | MAL |
| MF-1-PF (pathogen-free) | Manor Farms | Random | MAL |
| MIL/Ha/ICR Swiss | ICR 1957 | Random bred (monogamous mating) Caesarean-derived foundation | MIL |
| MLM-1 | ICR | Random | WEE |
| O'Grady Audiogenic Seizure | Swiss-Webster | | OGR |
| O'Grady Swiss-Webster | Halsey, J. Bagg, Swiss-Webster | Random | OGR |
| PV-A | Original colony obtained from a breeder producing animals for pharmacological studies | Random | PEA |
| RAW-ICR | Inst. for Cancer Research | Random | RAW |
| RF1 | Rockland Farms, Inc. | Random | ROC |
| RMF ICR | Philadelphia Cancer Research | Random | MIF |
| Spartan (SW) | Swiss-Webster | Random | SPB |
| Swiss | Inst. for Cancer Research | Random | BEL, MAD, MBR |
| Swiss | | Random | MIV, STE, STK |
| Swiss/BPL | HaM/ICR | Random | BER |
| Swiss, Cornett | Carworth Farms | Random | COV |
| Swiss, Maxfield | | Random | MDX |
| Swiss-Webster | | Random | ALB, CAM, DIE, GER, GOR, HEM, LAA, LAN, LEM, MAL, MAR, PUR, RED, ROC, ROF, ROL, ROS, STE, THR, TWN, WBS |
| Swiss-Webster | Bellaire, to Endocrine Consulting Lab. and Bellaire to S & S Research | Random | THP |
| Swiss-Webster | DAL from Diablo Lab | Random | RED |
| Swiss-Webster | Huntingdon Farms | Random | HIL |
| Swiss-Webster ICR | Blue Spruce Farms | Linebred | MAP |
| Swiss-Webster | Rockefeller Inst. | Linebred | ZIM |
| Swiss-Webster | Rockefeller Inst. | Random | HBA, SIM SUO |
| Swiss-Webster | Rockland Farms | Random | SUT |
| Swiss-Webster | Arthur Satter | Random | MAO |
| Swiss-Webster | ICR | Random | DEN |
| Swiss Yale/TEX | Brookhaven Lab. to TEX - 1962 | Random | TEX |
| Tac/Swiss-Webster | Rockefeller Inst. | Random | TAC |
| Tac/Swiss-Webster | Taconic | Random Caesarean-derived stock | TAC |
| SPF | | | |
| Webster Swiss MDX | Maxfield | Random | WIG |
| White | Oscotol strain | Random | OSC |
| Not designated | | Random | GER, HAT, STE, TAR |

INBRED LABORATORY MICE (*Mus musculus*)

| Strain Designation | Strain Origin | Breeding System | Code |
|--------------------|---|-----------------|------|
| A/Dm/TEX | Strong to Dmochowski to TEX. F ₆₁ - 8/37/57 | BxS | TEX |
| A/He Cum | ORNL | BxS | CUM |
| A/HeJ | Strong, from cross made in 1931 of albinos from Cold Spring Harbor and Bagg albino. Majority of sub-lines trace to stock Bittner obtained from Strong in 1937. Some stock sent Heston in 1938. He to JAX in 1948 at F77 | BxS | JAX |
| A/J | Strong, from cross, 1931. BxS Albino from C5H and Bagg albino; to Cloudman in 1938; Cloudman to JAX in 1947 at F73 | BxS | JAX |
| AKR | NIH | BxS | SIM |
| AKR/Cum | ORNL | BxS | CUM |
| AKR/Dm/TEX | Furth to Kirschbaum to Dmochowski to TEX F ₆₆ - 4/7/61 | BxS | TEX |
| AKR/J | Carried by Furth as high leukemia strain from 1938-39. Then random bred at Rockefeller Inst. several gen., then 8 gen. of BxS by Mrs. Rhoades and 21 by Dr. Lynch. He to JAX in 1948 at F12 | BxS | JAX |
| AKR/Sn/Mil | JAX (Snell) to SKI (Boyce), 1960 to Mil in 1961 at F6 | BxS | MIL |
| A/Stm | Bittner | BxS | SIM |
| ASG | Switzerland. Obtained by Dr. Linderman, Univ. of Florida | BxS | DUB |
| BALB/C | Bittner | BxS | SCH |
| BALB/c Cum | ORNL | BxS | CUM |
| BALB/oJ | Subline of BALB. MacDowell to Snell in 1938 at F36, since widely distributed; to Scott at F39, to Ander-vont in 1938. Scott to JAX in 1947 at F41. BALB/oAn to JAX in 1948 at F64, discontinued in 1964 at F79 | BxS | JAX |
| BALB/C (anemic) | Bittner | BxS | SCH |
| BALB/oAn/Sim | NIH | BxS | SIM |
| BALB/o/Dm/ TEX | MacDowell to Snell to Scott to Ander-vont to Deringer to Dmochowski to TEX F ₆₈ - 2/18/68 | BxS | TEX |

INBRED LABORATORY MICE (*Mus musculus*) Continued

| Strain Designation | Strain Origin | Breeding System | Code |
|---|--|--------------------------|-------------------|
| BDF ₁ BRC ¹ | Brookdale, 1960. F30 since 1960. Genet:CA | C57/BL/6 by DBA/2 BxS | SCH BRO |
| B10.D2-new/SnJ or C57BL/10Sn-H- ^{sd} | Allele H- ^{sd} (histo- compatibility-S) in- troduced onto C57BL/10Sn back- ground by cross- intercross system | BxS | JAX |
| B10.D2-old/SnJ or C57BL/10Sn-H- ^{sd} Hg ⁰ | Alleles H- ^{sd} (histo- compatibility-S) and Hg ⁰ (complement de- ficiency), introduced onto C57BL/10Sn background by cross- intercross system | BxS | JAX |
| B10.LP/SnJ or C57BL/ 10Sn-A ^w H-13 ⁰ H- ^b | Alleles A ^w , H-13 ^a and H-13 ^b , all in linkage group V. Introduced onto C57BL/10Sn background by cross- intercross system | BxS | JAX |
| CBA/Cum CBA/J | ORNL Strong, 1930, from cross of Bagg albino x DBA. Strains C, CBA, CBL C121, and C3H originated from this cross. Andervont to JAX in 1948 at F67 | BxS BxS | CUM JAX |
| CE/J | Wild mutant trapped in 1930 in Illinois by J. E. Knight. Detlefsen studied genetics of color type. Inbred by Eaton at least 15 gen. Some sent to Woolley. Speirs (2 gen. from Wy). to Wy and JAX in 1948 | BxS | JAX |
| C3H (agent free) C3H - axenic (agent free) | Bittner Bittner | BxS BxS | SCH SCH |
| C3H/An/Dm/TEX | Strong to Andervont to Dmochowski to TEX F71 - 2/22/67 | BxS | TEX |
| C3H/An Cum C3H/Anf Cum C3H/AnMil | ORNL CUM NIH (Andervont) to NIH (Feltow) to Poiley, 1940 to A. D. Little in 1960 to Mil in 1961 | BxS BxS BxS | CUM CUM MIL |
| C3HeB/FeJ | C3H/HeJ ova trans- ferred to C57BL/6 by Fuketa in 1948; original transplant animals to Hummel, F3 to PES in 1950 | BxS | JAX |
| C3H/He/Dm/TEX | Heston to Dmochowski to TEX F71 - 2/26/64 | BxS | TEX |

INBRED LABORATORY MICE (*Mus musculus*) Continued

| Strain Designation | Strain Origin | Breeding System | Code |
|-----------------------------|---|-----------------|------|
| C3H/HeJ | See CBA. Strong to Andervant in 1930; An to Houston in 1938 F38; He to JAX in 1947 at F48 | BxS | JAX |
| C3H/Mai | Bittner C3H via Dr. L. Gross | BxS | MIC |
| C3H/Sim | Bittner | BxS | SIM |
| C3H _p /An/Dm/TEX | Strong to Andervant to Dmochowski to TEX F38 - 8/6/57 | BxS | TEX |
| C3H _p /He/Dm/TEX | Houston to Dmochowski to TEX F37 - 8/26/64 | BxS | TEX |
| C57 Black 6 J/CF EPF | JAX | BxS | CAW |
| C57/BL6 | JAX | BxS | NEY |
| C57/BL6/Sim | Bittner | BxS | SIM |
| C57BL/Cum | ORNL | BxS | CUM |
| C57BL/KsfC3HeB/FeJ | C57BL/6J to Bieseis (1947), to Kalina in 1948 | BxS | JAX |
| C57BL/6 | | BxS | RED |
| C57BL/6 COX | Roswell Park | BxS | LAI |
| C57BL/6 Cum | NIM-SRI-1955 CVF | BxS | CUM |
| C57BL/6Dm/TEX | Bittner to Kirschbaum to Dmochowski to TEX F18 - 8/27/57 | BxS | TEX |
| C57BL/6J | Little in 1931 from heterozygous sib pair #87 and #83 from Miss Lathrop's stock. Subline 6 separated from subline 10 prior to 1937. C. Hall to Fe at F22, to JAX in 1948 at F34 | BxS | JAX |
| C57BL/6Mai | JAX | BxS | MIC |
| C57BL/10J | Little (as C57BL/6J). Scott to JAX in 1947 at F38 | BxS | JAX |
| C57BL/10RnJ | Little in 1931; to W. L. Russell; to Scott in 1940 when it was in F26 as separate subline; to Shell in 1947 | BxS | JAX |
| C57BL/Js/Mil | JAX to Indiana (Jacobs), 1953 to RPMI in 1959 to Mil in 1965 | BxS | MIL |
| C57BL/Js/Mil | JAX to SKI (Woolley), 1967 to Mil in 1967 at F50 | BxS | MIL |
| C57BR/odJ | Little, from cross that gave rise to C57BL, C57BR/a and C57L. Black and brown lines separate in 1st gen. Subline od was established in gen. 13 from cross of 2 brown | BxS | JAX |

INBRED LABORATORY MICE (*Mus musculus*) Continued

| Strain Designation | Strain Origin | Breeding System | Code |
|--------------------|--|-----------------|----------|
| C57BR/edJ (Cont'd) | branches, one of which had previously given rise to line C57BR/a. Some given to Cloudman, then to He in 1938; He to JAX in 1947, at F60 | | |
| C57L/J | J. Murray, 1933, mutation in F22 of C57BR subline of which nonleaden (brown) branch now extinct; maintained by Cloudman; Heston (from Cloudman 1938), to JAX in 1947 at F48 | BxS | JAX |
| C57Leaden/Cum | ORNL | BxS | CUM |
| C58/J | MacDowell, 1931, from mating littermates ♀58 and ♂58 of Miss Lathrop's stock. From Univ. of Calif. at Berkeley (from MacDowell at F76), to JAX in 1948 at F77 | BxS | JAX |
| DBA/1J | The oldest inbred strain. Started by C. C. Little, 1909. 1929-30 crosses made between sub-lines and several new sublines established. 2 of these were 12 (now called 1), and 212 (now called 2). Fekete in 1938 to JAX market (had bred few gen.), to H-1 in 1947 to JAX in 1948 | BxS | JAX |
| DBA/2 | JAX | BxS | FAB, NEY |
| DBA/2 Cum | NIH-SRI-1958 CVF | BxS | CUM |
| DBA/2/Dm/TEX | Deringer to Dmochowski to TEX F81 - 3/23/58 | BxS | TEX |
| DBA/2J | See DBA/1J. Some to Miller in 1938, then to Hestor, to JAX in 1948 at F26 | BxS | JAX |
| DBA/2Mai | JAX | BxS | MIC |
| DBA/2/Mil | JAX to SKI (Woolley), 1957 to Mil at F57 | BxS | MIL |
| DBA/2 Sim | Bittner | BxS | SIM |
| dd/s | | BxS | SCH |
| DE/J | Eaton, 1940 from cross CE/Wy x E/Gw and selected for <u>c^o</u> phenotype; to | BxS | JAX |

INBRED LABORATORY MICE (*Mus musculus*) Continued

| Strain Designation | Strain Origin | Breeding System | Code |
|------------------------------|--|-----------------|------------|
| DE/J (Cont'd) | Woolley in 1946 to D1 in 1948, to JAX in 1964 at F81 | | |
| HRM/J | Chase to E. L. Green in 1958 to Lee in 1958, to M. C. Green in 1958, to JAX in 1964 | BxS | JAX |
| LP/J | Dunn, to Scott, So to D1 in 1947 at F30; to JAX in 1949 at F33 | BxS | JAX |
| MA/J | March's strain 3. Started from pair mice from Lethrop- Loeb colony. 38 gen. of cousin matings; stock to Murray who inbred BxS; to Warner to JAX in 1947 at F80+ | BxS | JAX |
| New Zealand Black SPF NIH | MCR - U.K. NIH, F86 at Brookside. Caesarian-derived foundation colony - 1965 | BxS | CAN BRO |
| NEO/Cum P/J | Wolff Shall, extracted follow- ing euteroes of similar stock de- veloped by Gates (BDP). To Wisconsin (McNutt) at F38; to JAX in 1948 at F39 | BxS BxS | CUM JAX |
| PL/J | From non-inbred Princeton strain started in 1932 from 200 mice purchased from dealer. Inbred by Lynch, giving rise to high leukemia line B (PL) and second line A (PLA) with lower incidence. Lynch to Rockefeller Inst. to JAX in 1961 at F22 | BxS | JAX |
| RF/Cum RF/J | ORNL Furth, 1928, from un- known stock Rocke- feller Inst. Trans- ferred to Oak Ridge. From Upton at Oak Ridge to JAX in 1964 at F14 (since stock's arrival at Oak Ridge) | BxS BxS | CUM JAX |
| RF/Sim | ORNL | BxS | SIM |

INBRED LABORATORY MICE (*Mus musculus*) Continued

| Strain Designation | Strain Origin | Breeding System | Code |
|--------------------|--|-----------------|----------|
| SEC/IReJ | E. S. Russell, from SEC/1Gn, to JAX 1964 | BxS | JAX |
| AJL/J | Developed from Swiss- Webster stock, 3 sources brought to JAX between 1938 and 1943. Between 1943 and 1955 no regular breeding system. In 1955 stock sent to F3. Maintained BxS since then | BxS | JAX |
| SM/J | MacArthur to Runner in 1948; Rr. to JAX in 1954 at F14 | BxS | JAX |
| ST/bJ | Engelbreth-Holm, to Heston at F23. He to JAX in 1948 at F25 | BxS | JAX |
| Swiss-Webster | Rockefeller Inst. | BxS | LEM, ZAR |
| Swiss-Webster | | BxS | SUO |
| SWR/J | A strain of "Swiss" mice from A. de Coulon, Lausanne, inbred by Lynch; to Parker to JAX in 1947 at F28+ | BxS | JAX |
| 101/Cum 129/J | ORNL Dunn, to R1, to Rr. R1 sent mice to Hunt spring of 1947 and Rr to Wynder in Aug. 1947. After Bar Harbor fire, 1948, Hunt returned to JAX a <u>gchp/gchp</u> subline, and Wynder a <u>gp/gp</u> subline. Original genotype reconstituted by crossing ♀ of former and a ♂ of latter. Offspring used in 1948 to establish Rr, Ra, and Rl sublines. Rr subline subsequently distributed to other members of JAX staff | BxS | CUM |

LABORATORY MICE—Hybrid of Inbred Strains (*Mus musculus*)

| | |
|--|-----|
| AKD2F1 (AKR/J × DBA/2J) | JAX |
| BC3F ₁ /Cum (C57BL × C3H/An) | CUM |

LABORATORY MICE—Hybrid of Inbred Strains (*Mus musculus*) Continued

| Strain Designation | Strain Origin | Breeding System | Code |
|---|------------------|-----------------|------|
| BC3F ₁ /TEX (C57BL/6 ^f x C3H/He ^d) | | | TEX |
| BDF ₁ Hybrid | JAX | | RAW |
| BDF ₁ | | | SIM |
| BDF ₁ /TEX (C57BL/6 ^f x DBA/2 ^d) | | | TEX |
| B1F ₁ /Cum (C57BL x 101) | | | CUM |
| B6AF ₁ (C57BL/6J ^f x A/J ^d) | | | JAX |
| B6D2F ₁ (C57BL/6J ^f x DBA/2J ^d) | | | JAX |
| B6D2F ₁ /Cum (C57BL/6 x DBA/2) | | | CUM |
| CAF ₁ (BALB/cJ ^f x A/J ^d) | | | JAX |
| CAF ₁ /Cum (BALB/c x A/He) | | | CUM |
| C3BF ₁ /Cum (C3H/An ^f x C57BL) | | | CUM |
| C3BF ₁ /TEX (C3H/He ^d x C57BL/6 ^f) | | | TEX |
| C3D2F ₁ (C3H/HeJ ^f x DBA/2J ^d) | | | JAX |
| C31F ₁ /Cum (C3H/An ^f x 101) | | | CUM |
| (DBA ₂ x C57BL6)F ₁ | N.Y. Inbred Lab. | | NEY |
| LAF ₁ /Cum | | | CUM |
| LAF ₁ (C57L/J ^f x A/HeJ ^d) | | | JAX |
| 1C3F ₁ /Cum (101 x C3H/An ^f) | | | CUM |

LABORATORY RATS (*Rattus norvegicus*)

| | | | |
|-------------------------------------|--------------------|--------|----------|
| ACI/Mai (formerly AxC9935) | NIH | BxS | MIC |
| Agouti | 1934 | | WEI |
| Albino | | Random | HAT |
| Albino, mottled | | Random | NEA |
| ARS | Sprague-Dawley | Random | SCH |
| ARS (axenic) | Sprague-Dawley | Random | SCH |
| BN/Mai | Wistar Inst. | BxS | MIC |
| BR-CV (Badger Res. Conventional) | Sprague-Dawley | Random | BAD |
| BSF Long Evans, (Hooded) | Univ. of Rochester | Random | BLU |
| BUF/Mai (formerly Buffalo) | NIH | BxS | MIC |
| Buffalo | NIH | BxS | SIM |
| CBL SPD | Sprague-Dawley | Random | CAN, CAO |
| CBL W | Wistar Inst. | Random | CAO |
| CFE | Sprague-Dawley | Random | CAW |
| CFE (axenic) | CFE | Random | CAW |
| CFN | Wistar Inst. | Random | CAW |
| CFN (axenic) | CFN | Random | CAW |

LABORATORY RATS (*Rattus norvegicus*) Continued

| Strain Designation | Strain Origin | Breeding System | Code |
|---|--|---------------------------|--------------------|
| Charles River CD [®] (axenic) | Charles River CD [®] | Random | CHA |
| Charles River CD [®] (barrier sustained) | Caesarean-derived from Charles River SD | Random | CHA |
| Charles River CD [®] (isolator reared defined flora) | Charles River CD [®] | Random | CHA |
| Charles River CD [®] F (axenic) | Charles River CD [®] F | Random | CHA |
| Charles River CD [®] F (barrier sustained) | Caesarean-derived from Dunning- Fischer-344 | BxS | CHA |
| Charles River CD [®] F (isolator reared de- fined flora) | Charles River CD [®] F | BxS | CHA |
| Cornett | Sprague-Dawley | Random | COV |
| COX/Rat | Holtzman | Random | LAI |
| COX/Rat | Sprague-Dawley | Random | LAI |
| COX/Rat | Sprague-Dawley | Random | LAI |
| (gnotobiotic) | | | |
| DUB/DR (Disease- Resistant) | NIH Black/Sprague- Dawley, Albino in- bred 20 gen. | Random | DUB |
| DUB/SDD | Sprague-Dawley | Random | DUB |
| FDRL | Wistar Inst., 1926 | Closed colony | FOD |
| F344/IMai (formerly Fischer 344) | NIH | BxS | MIC |
| Fischer 344 | | | |
| Gofnoor | Sprague-Dawley | BxS | SCH, SIM |
| Sprague-Dawley | | Random | COF |
| Holtzman | S-D | Random | HOT |
| Holtzman | | Random | THR |
| Hooded | | Random | WHI |
| Hooded CRAF | | Random | CAO |
| LEW/IMai (formerly Lewis) | Wistar Inst. | BxS | MIC |
| Long-Evans | | Random | LAA, RED, ROC, THR |
| Long-Evans | Harlan Industries Cumberland, Ind. | Random | PAC |
| Long-Evans | Maxfield LE | Random | WIG |
| Long-Evans | Royal Victoria Hospital | Random | QUE |
| Long-Evans | Univ. of Calif. | Random | HBA, PEP, SIM |
| Long-Evans-Maxfield | Long-Evans | Random | MDX |
| Long-Evans (MFL) | | Random | MAR |
| MLM-1 | Sprague-Dawley | Random | WEE |
| MLM-2 | Long-Evans | Random | WEE |
| MLM-3 | Wistar Inst. | Random | WEE |
| MW-3-A (axenic) | Manor Farms | Random - Closed colony | MAL |
| MW-3-PF (pathogen- free) | Manor Farms | Random - Closed colony | MAL |
| MW-3-C (conventional) | Wistar Inst. | Random - Closed colony | MAL |
| Mackesey Farms | Sprague-Dawley | Random | MAC |
| Maxfield - SD | Sprague-Dawley | Random | MDX |
| Maxfield-Wistar | Wistar Inst. | Random | MDX |

LABORATORY RATS (*Rattus norvegicus*) Continued

| Strain Designation | Strain Origin | Breeding System | Code |
|---|--|------------------------|---|
| Osborne-Mendel | NIH | Random | BAO, ROC |
| Rawley Farms Albino | Holtzman | Random | RAW |
| RMF Sprague-Dawley | Charles River Breeding Lab., 6 yr ago | Random - Closed colony | MIF |
| Sherman | Sherman | BxS | NEY |
| Sherman | | Random | CAM, HEM, HIL, NEY, WBS |
| Simonsen Albino | Sprague-Dawley | Random | SIM |
| Spartan (SD) | Sprague-Dawley | Random | SPB |
| Sprague-Dawley/BPL (Sprague-Dawley descendants) | | Random | BER |
| Sprague-Dawley BSF descendant | | Random | BLU |
| Sprague-Dawley descendant | | Random | CAM, DIE, FAB, GER, HEM, LAA, NEY, NOR, PUR, RED, ROC, ROL, SPD, THR |
| Sprague-Dawley descendants Caesarean-derived | Charles River Breeding Labs. 1960 | Random | AAE |
| Sprague-Dawley derived | Holtzman to S & S Res. | Random | THP |
| Sprague-Dawley descendant | Charles River S-D | Random - Closed colony | PEP |
| Sprague-Dawley descendant | Northwest Rodent Pullman, Wash. | Random | PAC |
| Sprague-Dawley descendant (MFS) | | Random | MAR |
| Sprague-Dawley descendant | | BxS | NEY |
| Sprague-Dawley descendant | Sprague-Dawley | Selective | HIL |
| W/Fu | Dr. J. Furth | BxS | SCH |
| WF/Mai (formerly W/Fu, Furth's Wistar, Wistar/Furth WR) | Dr. J. Furth | BxS | MIC |
| Wistar | | Linebred | PEX |
| Wistar | | BxS | ZAR |
| Wistar | Wistar Inst. | Random | ALB, CAM, DIE, GOR, HEM, HIL, LAA, LAN, MTV, OSW, PEX, PUR, ROS, ROY, SIM, STE, STK, THR, WBS, WHI |
| Wistar | Maxfield-Wistar | Random | WIG |
| CBL Wistar | Wistar descendants | Random | CAN |
| H. D. Wistar | Wistar Inst. | Random | HBA |
| Wistar (MFW) | | Random | MAR |
| Wistar (coefficient of inbreeding 0.9) | Wistar Inst. | Random | MIC |
| Not designated | | | HAT, LEM, STE, WHI |

HAMSTERS (*Mesocricetus auratus* and Others)

| | | | |
|---------------|---------------|----------|--------------------|
| Albino | | Random | CHI, MAG, WHI, ZUC |
| Albino | ARF | Random | ARF |
| Albino, Blind | Pee Dee Farms | Linebred | WHY |
| B.L. Berman | Boston Univ. | BxS | DEN |
| British Cream | | BxS | WHY |

HAMSTERS (*Mesocricetus auratus* and Others) Continued

| Strain Designation | Strain Origin | Breeding System | Code |
|--|--|--|---|
| CB/SsLAK | Billingham and Silvers | BxS | LAK |
| CBL Golden | Golden Hamsters descendants | Random | CAN |
| MBR/Chinese Hamster | <i>Cricetulus griseus</i> | Inbred | MBR |
| Cinnamon-Banded | Unknown | Random | MAG |
| Chinese | | Random | WHI |
| Cornett | | Random | COV |
| Cream | | Random | MAG, WHI, ZUC |
| Cream-Banded | | Random | MAG, ZUC |
| Dominant Spot | R. Whitney | BxS | WHY |
| DUB/GS Golden Syrian | Golden Syrian | Random | DUB |
| Frost, Blind | Pee Dee Farms | Linebred | WHY |
| Golden | ARF | Random | ARF, ELM, SIM |
| Golden, Gerber's | 18 yr Gerber's | Random | GER |
| Golden, White-Banded | Crossed colors | Random | MAG |
| Hairless | Slater | BxS | WHY |
| <i>Cricetulus griseus</i> (n = 22) | Trapped near Peking China in 1948 | Random | CHL |
| JF1/A/B/2Ab | | BxS | |
| <i>Cricetulus migratorius</i> (n = 22) | Trapped near Yerevan, Armenia, S.S.R. in 1963 | Random BxS | CHL |
| JF2 | | | |
| Lakeview Golden | Assembled from four commercial sources random bred in a closed colony since 1951 | Random - Closed colony | LAK |
| Lethal gray | Slater | BxS | WHY |
| LNC/LAK (cream- colored mutant) | Lakeview | BxS | LAK |
| LSH/SsLAK | Billingham and Silvers | BxS | LAK |
| MBR/GS | | Random | MBR |
| MFS | Manor Farms mutation | BxS 25 gen. May 1966 | MAL |
| MGS | Manor Farms | Random - Closed colony | MAL |
| MHA/SsLAK (albino mutant) | Billingham and Silvers | BxS | LAK |
| Mixed colors | ARF | Random | ARF, GER, MAG, WEE |
| MLM-1 Golden Syrian | | Random | WEE |
| MLM-2 White Coat, Black Ear | | Random | WEE |
| MLM-3 White Coat, Pink Ear | | Random | WEE |
| PD 3, pink-eared white | Pee Dee Farms | BxS (30 gen.) | WHY |
| PD 4, Partial albino | Pee Dee Farms | BxS (40 gen.) | WHY |
| Piebald | Larmore | Linebred | WHY |
| R/H1 (Heterochromia iris) amber gold white band) | Mutation from own amber gold-band strain | Random, mostly with BxS when warranted | REI |
| Silver Gray | | Random | ZUC |
| Syrian Golden | | Random | ALB, CHL, HAM, HIL, MAG, MAR, MBR, MDX, OLO, PCC, PUR, QUE, RED, STE, WHI, ZUC |
| Syrian Golden, ENG | Selective from 14-yr- old colony | Random | ENG |
| Toy Bear Dennen (Golden) | Gulf Hamster | Random | DEN |

HAMSTERS (*Mesocricetus auratus* and Others) Continued

| Strain Designation | Strain Origin | Breeding System | Code |
|--------------------|------------------|-----------------|-------------------------|
| Tumblebrook Farm | Tumblebrook Farm | Random | PUR |
| WBW golden | R. Whitney | BxS (29 gen.) | WHY |
| White Band | | Random | ZUC |
| X.XB dark golden | R. Whitney | BxS (13 gen.) | WHY |
| 1 PI Rust | Ingham | BxS (10 gen.) | WHY |
| 1.3 golden | | BxS (22 gen.) | WHY |
| 18.18 Dilute | R. Whitney | BxS (13 gen.) | WHY |
| Not designated | | Random | DIE, HAT, LEM, STE, STK |

GUINEA PIGS (*Cavia porcellus*)

| | | | |
|---|--|------------------------|--|
| Abyssinian | | Random | CZE, HEN, HUL, OSC, WHI |
| Abyssinian, Osceola | | Linebred | OCS |
| Albino | | Random | ALB, ASI, HUL, MYE, OSC, PIR |
| Albino | Porton-Downs, England | Random | MBR |
| Albino, Osceola | | Linebred | OSC |
| American | | Random | BEL, HUL, LOM, OSC, PEZ |
| American, Albino | | Colony | IBA |
| American, Albino | ARF | Random | ARF |
| American, Colors | ARF | Random | OSC |
| American, Osceola | | Linebred | CAO, RED |
| American, shorthair | | Random | HEN |
| American, smooth-haired | | Linebred | ASI |
| Duncan Hartley | | Selective | THR |
| English | | Controlled | HEN |
| English | | Linebred | BAN, CZE, DIE, EDM, GER, |
| English | | Random | GOR, KEM, LEM, MDX, ROC, |
| English | | | SCL, STE, WHI, WIG |
| English | Univ. of Wis. | Random | OBR |
| English, CBL | English | Random | CAN |
| English, short-haired, albino | | Inbred | STT |
| English, short-haired, albino | | Linebred | STT |
| English, (short hair) pigmented | | Random | ASI |
| English, short hair, Louisville-Rogers | Dr. James Rogers Univ. of Louisville | Linebred | RES |
| English, short hair | | Random | CAM, HEM, JAJ, LAA, NEA, PEP, WEE |
| Hartley Strain | | BxS | THO |
| Hartley (free of all commonly occurring diseases) | | Selective | LAR |
| Hartley | | BxS | ZAR |
| Hartley | | Linebred | HBA, KAN, RES, THR, ZIM |
| Hartley | | Random | BEL, CAM, DUB, EDM, FAB, HAM, HAT, HEM, HUL, LAA, NEW, POC, QUE, RED |
| Hartley | Animal Suppliers (London) Ltd. | Random - Closed colony | PEP |
| Hartley | Ariz. State Univ. | Random | CAO |
| Hartley | Consult to Tripp to Okuno to Brookside in 1951 | Random | BRO |

GUINEA PIGS (*Cavia porcellus*) Continued

| Strain Designation | Strain Origin | Breeding System | Code |
|---|--|-----------------|---|
| Hartley | England | Random | DEN, TWN |
| Hartley | Porton-Downs, England | Random | MBR |
| Hartley | Tumblebrook Farm | Random | MAI, SUO |
| Hartley | From Tumblebrook Farm, 1958 Brant Lake, N.Y. | Random | AAE |
| Hartley | | Selective | HIL, LIG |
| Hartley, Albino | | Random | BAN, LAN |
| Hartley, Bronze | | Random | BAA |
| Hartley, SPF | Hartley | Linebred | ANB, PEX |
| Hartley, SPF | | Random | ANB, PEX |
| Hartley, white | | Random | BAA, ISA, LAH |
| Hartley and Scott Some broken colors | | Linebred | ARC |
| Hartley and Scott | | Random | ARC |
| MBR/HART | Porton-Downs, England | Random | MBR |
| Old Dominion | Descendants of 4 original breeders, 1967 | Random | OLD |
| Paine Mountain Rabbitry | Frederick Weston Underhill, Vt. | Inbred | PAI |
| Peruvian | | Linebred | HEN |
| Peruvian | | Random | CZE, HUL, OSC |
| Peruvian, Oceola | | Linebred | OSC |
| RMF Hartley | Purchased colony from a Mr. Burgess Estate as Hartley's 5 yr ago. Closed colony | Random | MIF |
| Not designated | | Random | ALB, BAA, DAL, ELM, HAT, HAU, ISA, MYE, REA, STK, STK |

CARNIVORA

DOMESTIC DOGS (*Canis familiaris*)

| | | | |
|-------------------------|-------------------------------------|-------------|--|
| Beagle (registered) | | Linebred | ANB, ATK, BAR, COV, CYN, FOD, HIL, MAS, WIP |
| Beagle (AKC registered) | | Random | ATK, COU, DUB, HAS, WHL |
| Beagle, GHF | GHF | Random | SEG |
| Beagle (JLQ registered) | | Linebred | PEX |
| Beagle (JLQ registered) | | Random | PEX |
| Beagle | | Linebred | AMA, BUK, DOG, HIL, HYL, ROM, THR |
| Beagle | | Random | AMA, CAO, HAT, HYL, LAN, ROM, SAU |
| Beagle | De-barked | Linebred | POC |
| Beagle | Norman Stoner | Random | TRI |
| Beagle | Purebreds but not AKC registered | Random | HOW |
| Beagle | Developed by Dogs for Research | BxS | DOG |
| Coonhound | | Conditioned | CYN |
| Fox Hound | | Random | SAU |
| German Shepherd | | Linebred | POC, REA |

DOMESTIC DOGS (*Canis familiaris*) Continued

| Strain Designation | Strain Origin | Breeding System | Code |
|---|---------------|-----------------|--|
| Labrador Retrievers (AKC registered) | | Linebred | WIP |
| Mongrels | | | BAR, BUK, CEE, DUB, HOW, LAN, OAD, POC, VEV CAO, CLA, DIE, DOG, HIL, LON, MAZ, MDK, THR |
| Not designated | | | |

DOMESTIC CATS (*Felis catus*)

| | | |
|---------------------------|----------|---|
| Immunized and Conditioned | | PEA, VEV, WEE |
| Not designated | Linebred | HBA |
| Not designated | | ADV, BAR, CLA, CER, DIE, HIL, LAN, LAN, LEM, LON, MAZ, MDX, OAD, POC, STE, THR, WHI, WGO |

ARTIODACTYLA - (Even-toed hooved mammals)

| Species | Breeding System | Code |
|-------------------------------|-----------------|--------------------------------------|
| Cattle, Black Angus | Selective | HIL |
| Cattle, Guernsey | Selective | HIL |
| Cattle, Holstein | Selective | HIL |
| Goats, dairy | | ADV |
| Goats | | BAA, CLA, HIL, MAZ, OAD, RID, TRA |
| Sheep | | BAA, CLA, HIL, MAZ, TRA |
| Swine | | CLA, MAZ |
| Swine, Labco miniature | Linebred | LAD, PEX |
| Swine, miniature | Random | MAZ, PEX |
| Swine, Pitman-Moore miniature | Inbred | VIV |
| Swine, Yorkshire | | LON |

II

**ANIMALS OBTAINED
FROM NATURE**

PROTOZOA

MASTIGOPHORA

| Species | Common Name | Code |
|--------------------------|----------------|----------|
| <i>Chilomonas</i> sp.* | | CON |
| <i>Chlamydomonas</i> sp. | | MIY |
| <i>Euglena gracilis</i> | | MIY |
| <i>Euglena</i> sp. | | CON, STE |
| <i>Volvox aureus</i> | | MIY |
| | Not designated | PAB |

SARCODINA

| | | |
|-----------------------|----------------|----------|
| <i>Amoeba proteus</i> | | MIY, STE |
| <i>Amoeba</i> sp. | | CON |
| | Not designated | PAB |

CILIATA

| | | |
|----------------------------|----------------|----------|
| <i>Blepharisma</i> sp. | | CON |
| <i>Colpidium</i> sp. | | CON |
| <i>Didinium</i> sp. | | CON |
| <i>Diplotes</i> sp. | | CON |
| <i>Paramecium aurelia</i> | | STE |
| <i>Paramecium bursaria</i> | | STE |
| <i>Paramcium caudatum</i> | | MIY, STE |
| <i>Paramcium</i> sp. | | CON |
| <i>Spirostomum</i> sp. | | CON |
| <i>Stentor coeruleus</i> | | MIY |
| <i>Stentor</i> sp. | | CON, STE |
| <i>Vorticella</i> sp. | | CON |
| | Not designated | PAB |

PORIFERA

| | | |
|------------------------------|-------------|---------------|
| <i>Desmachlidion palmata</i> | Bay Sponge | HAN |
| <i>Microciona prolifera</i> | Sponge, red | HAN |
| <i>Spongilla</i> sp. | | CON, PAB, STE |

COELENTERATA

| | | |
|--------------------------------|--------------------|----------|
| <i>Aequorea forskalea</i> | Nettle, sea | HAN |
| <i>Aurelia aurita</i> | Jellyfish, moon | HAN |
| <i>Aurelia</i> sp. | Jellyfish | LEM, STE |
| <i>Chrysaora quinquecirrha</i> | Nettle, sea | TRS |
| <i>Gonionemus</i> sp. | Hydroid medusa | LEM, STE |
| <i>Hydra fusca</i> | | STE |
| <i>Hydra littoralis</i> | Hydra, swift water | STE |
| <i>Hydra oligactis</i> | Hydra | LEM, MIY |

*In the interest of increased legibility, the customary underlining for the tabulated scientific names has been omitted in this section.

COELENTERATA Continued

| Species | Common Name | Code |
|---|-----------------------|--------------------|
| <i>Hydra</i> sp. | | CON |
| <i>Marcanthes cookei</i> | Anemone | MAQ |
| <i>Metridium marginatum</i> | Sea anemone | LEM, STE |
| <i>Nemopeltis sachetic</i> | Hydroid | HAN |
| <i>Otheia</i> sp. | Hydroid, colonial | LEM, STE |
| <i>Pelmatohydra oligactis</i> | Hydra, brown | STE |
| <i>Physalia</i> sp. | Portuguese Man-Of-War | LEM, STE |
| <i>Poecillipora</i> , <i>Porites</i> . | Coral | MAQ |
| <i>Madreporaria</i> , <i>Fungia</i> , | | |
| <i>Dentrophyllida</i> , <i>Zoanthidae</i> , | | |
| <i>Antipathidae</i> , <i>Cerianthus</i> | | |
| | Not designated | BAT, FLO, LEM, PAB |

CTENOPHORA

| | | |
|--------------------------|----------------------------|-----|
| <i>Beroe cucumis</i> | Jelly, comb | HAN |
| <i>Mnemiopsis leidyi</i> | Walnut, sea, or comb jelly | TRS |

PLATYHELMINTHES

| | | |
|------------------------------|--------------------------|---------------|
| <i>Brachipoda</i> sp. | Polyclad | MAQ |
| <i>Clinorchis sinensis</i> | Human liver fluke | LEM |
| <i>Dipylidium caninum</i> | Tapeworm, dog | LEM, STE |
| <i>Dugesia dorotocephala</i> | Planaria, black | LEM, STE, WIG |
| <i>Dugesia tigrina</i> | Planaria, brown | LEM, MIY, STE |
| <i>Dugesia</i> sp. | | STE |
| <i>Fasciola hepatica</i> | Sheep liver fluke | LEM, STE |
| <i>Monogenea expansa</i> | Tapeworm, sheep | LEM, STE |
| <i>Paralichthys dentatus</i> | Fluke, northern | HAN |
| <i>Pneumonectes</i> | Frog lung flukes | STE |
| <i>Taenia pisiformis</i> | Tapeworm, serrate dog | STE |
| <i>Taenia saginata</i> | Tapeworm, beef | LEM |
| <i>Turbellaria</i> sp. | Polyclad | MAQ |
| | Planaria, not designated | STE |
| | Not designated | PAB |

ASCHELMINTHES

| | |
|--------------------|----------|
| ROTIFERA | |
| <i>Rotifer</i> sp. | CON, STE |

GASTROTRICHA

| | |
|---------------------------|-----|
| <i>Lepidodermella</i> sp. | CON |
|---------------------------|-----|

NEMATODA

| Species | Common name | Code |
|-----------------------------|--------------------------|----------|
| <i>Ascaris lumbricoides</i> | Roundworm | LEM, STE |
| <i>Ascaris</i> sp. | Roundworm | STE |
| <i>Necator americanus</i> | Hookworm, American | LEM |
| <i>Trichinella spiralis</i> | | STE |
| <i>Turbatrix aceti</i> | /insecta sol | STE, WIG |
| <i>Turbatrix</i> sp. | | CON |
| | Nematoda, not designated | PAB |

BRYOZOA

| | | |
|-----------------------|----------------------|----------|
| <i>Pectinatella</i> | Fresh water bryozoan | LEM, STE |
| <i>Plumatella</i> sp. | | CON, STE |

SIPUNCULOIDEA

| | | |
|------------------------------|------------------|-----|
| <i>Dendroctomum pyroides</i> | Worm, sipunculid | PAB |
|------------------------------|------------------|-----|

ECHINODERMATA

| | | |
|------------------------------|---------------------|--------------------|
| <i>Arbacia punctulata</i> | Sea urchin | LEM, STE |
| <i>Asterias forbesi</i> | Starfish, common | HAN, LEM, STE |
| <i>Asterias</i> sp. | Starfish | MAQ, MAZ, STE |
| <i>Cucumaria frondosa</i> | Sea cucumber | STE |
| <i>Cucumaria</i> sp. | Sea cucumber | LEM, MAQ |
| <i>Dendraster</i> sp. | Sea urchin | MAQ |
| <i>Echinocerinus parma</i> | Sand dollar | HAN, LEM, MAZ, STE |
| <i>Lytechinus pictus</i> | Urchin, Panamanian | PAB |
| <i>Lvtechinus</i> sp. | Sea urchin | MAZ |
| <i>Mellita testudinata</i> | Urchin, key hole | HAN |
| <i>Ophioderma</i> sp. | Starfish, brittle | LEM, MAQ, STE |
| <i>Strongylocentrotus d.</i> | Sea urchin, green | LEM, STE |
| <i>Strongylocentrotus p.</i> | Sea urchin, purple | PAB |
| <i>Thyonne</i> sp. | Sea cucumber, large | MAZ |
| | Not designated | BAT, FLO, LEM, PAB |

MOLLUSCA

GASTROPODA

| | | |
|------------------------------|-----------------------------|---------------|
| <i>Acmaea testudinalis</i> | Limpet, common | LEM |
| <i>Aeolidia papillosa</i> | Nudibranch, common northern | LEM |
| <i>Aplysia californica</i> | Hare, sea | PAB |
| <i>Bittium alternatum</i> | Hornshell, alternate | HAN |
| <i>Busycon canaliculatum</i> | Whelk, channeled | HAN |
| <i>Busycon carica</i> | Whelk, knobbed | HAN |
| <i>Cantharidium</i> sp. | Snail, common | LEM, MAZ, STE |
| <i>Conidae</i> sp. | | MAQ |

| Species | Common Name | Code |
|----------------------|----------------------------|-------------------------|
| Cypraeidae sp. | | MAQ |
| Gonlobasis sp. | Snail, fresh-water | LEM, STE |
| Helix sp. | Snail, garden | LEM, STE |
| Limax sp. | Slug, garden | LEM, MAZ, STE, WIG, ZOO |
| Littorina irrerata | Periwinkle, marsh | HAN, TRS |
| Littorina sp. | Periwinkle, common | DEN |
| Megathura crennulata | Limpet, giant keyhole | PAB |
| Patellidae sp. | | MAQ |
| Physa sp. | Snail, pond | LEM, REP, STE |
| Planorbis sp. | Snail, ramshorn | LEM, REP, STE, WHI |
| Polinices heros | Snail, moon | DEN |
| Polygyra sp. | Snail, large garden | LEM |
| Thais lapillus | Dogwinkle, Atlantic | DEN |
| Urosalpinx cinera | Drill, oyster | HAN |
| | Gastropoda, not designated | BAT, CON, FLO, PAB |

PELECYPODA

| | | |
|-------------------------|----------------------------|-------------------------|
| Anodonta sp. | Clam, fresh-water | LEM, MAZ, STE |
| Branchiodontes recurvus | Mussel, hooked | TRS |
| Crassostrea virginica | Oyster, eastern | TRS |
| Ensis directus | Clam, Atlantic razor | DEN, HAN, LEM |
| Mya arenaria | Clam, long-neck | DEN, HAN, LEM, STE, TRS |
| Mytilus edulis | Mussel, edible | CON, DEN, LEM, MAZ |
| Mytilus recurvus | Mussel, sea | STE |
| Ostrea virginiana | Oyster, common edible | LEM, MAZ, STE |
| Pecten irradians | Scallop, common | LEM, STE |
| Spisula solidissima | Clam, Atlantic surf (hen) | DEN |
| Unio sp. | Mussel, fresh-water | CON, LEM, STE |
| Venus mercenaria | Quahog, northern | HAN |
| Venus sp. | Quahog | LEM, STE |
| Volsella demissa | Atlantic ribbed mussel | HAN, TRS |
| Volsella plicatulus | Mussel, ribbed, nonedible | DEN |
| | Pelecypoda, not designated | BAT, FLO, PAB |

CEPHALOPODA

| | | |
|---------------------|-----------------------------|--------------------|
| Cioixa intestinalis | Grapes, sea | HAN |
| Loligo pealei | Squid | HAN, LEM, MAZ, STE |
| Octopus sp. | Octopus | LEM, MAQ, MAZ, STE |
| | Cephalopoda, not designated | BAT, FLO, PAB |

ANNELIDA

POLYCHAETA

| | | |
|----------------------------|----------------------------|--------------------|
| Aeolosoma sp. | Annelid, salt-water | TRS |
| Amphitrite ornata | Annelid, salt-water | LEM |
| Chaetopterus pergamentceus | Worm, parchment | HAN |
| Nereis virens | Clamworm | DEN, HAN, LEM, STE |
| | Polychaeta, not designated | PAB |

MIAETA

| Species | Common Name | Code |
|-----------------------------|----------------------|-------------------------|
| <i>Aeolosoma</i> sp. | Annelid, fresh-water | CON |
| <i>Eisenia</i> sp. | Earthworm, fecal | CON, WIG |
| <i>Enchytraeus</i> sp. | Whiteworm | CON |
| <i>Lumbricus terrestris</i> | Earthworm, common | LEM, MAZ, STE, WIG |
| <i>Lumbricus</i> sp. | Earthworm | CON, MAZ, STE, WHI, ZOO |
| <i>Tubifex</i> sp. | Earthworm, giant | STE |
| Bloodworm | Bloodworm | MAZ |

HIRUDINEA

| | | |
|----------------------------|-----------------------|----------|
| <i>Haemopis grandis</i> | Leech | LEM |
| <i>Haemopis narmoratis</i> | Horseleech | LEM, MAZ |
| <i>Hirudo medicinalis</i> | Leech, medicinal | STE |
| <i>Macrobdella decora</i> | Leech | LEM |
| <i>Placobdella</i> sp. | Leech, turtle | LEM |
| | Leech, not designated | CON, STE |

ARTHROPODA

MEROSTOMATA

| | | |
|---------------------------|--------------------|----------------------|
| <i>Limulus polyphemus</i> | Crab, king Crab | HAN, LEM, STE MAZ |
|---------------------------|--------------------|----------------------|

ARACHNIDA

| | | |
|-------------------------------|----------------------------------|--------------------|
| <i>Aphonopelma</i> sp. | Tarantula, desert | MAZ, PET, STE, WHI |
| <i>Argiope</i> sp. | Spider, garden | LEM, STE |
| <i>Astacus fluviatilis</i> | Crayfish, Oregon | LEM |
| <i>Centruroides</i> sp. | Scorpion, Florida | LEM, MAZ, PET |
| <i>Dermocentor variabilis</i> | Tick, wood or dog | LEM, MAZ |
| <i>Eremobates</i> sp. | Spider, sun | PET |
| <i>Gramostola mollicoma</i> | Tarantula | STE, TAR |
| <i>Hadrurus arizonensis</i> | Scorpion, giant hairy | PET, STE |
| <i>Latrodectus mactans</i> | Spider, black widow | LEM, STE |
| <i>Limnochares</i> sp. | Mite, red water | LEM |
| <i>Lycosidae</i> sp. | Spider, wolf | LEM |
| <i>Ranatra</i> sp. | Scorpion, water | LEM |
| <i>Tarantula</i> sp. | Scorpion | LEM, STE, WHI |
| | Spiders, African, not designated | ZOO |

CRUSTACEA

| | | |
|------------------------------|--------------------------|--------------------|
| <i>Artemia salina</i> (eggs) | Brine shrimp | STE |
| <i>Balanus aquila</i> | Barnacle, giant | PAB |
| <i>Balanus balanipes</i> | Barnacle, rock | HAN |
| <i>Balanus balanoides</i> | Barnacle, acorn | LEM |
| <i>Balanus nubilis</i> | Barnacle, giant | PAB |
| <i>Balanus</i> sp. | Barnacle, small white | TRS |
| <i>Callinectes sapidus</i> | Crab, edible blue pincer | HAN, LEM, MAZ, TRS |

CRUSTACEA Continued

| Species | Common Name | Code |
|---------------------------------|------------------------------|-------------------------|
| <i>Cambarus clarkii</i> | Crayfish, southern | LEM, WIG |
| <i>Cambarus</i> sp. | Crayfish | CON, LEM, STE, WIG |
| <i>Cancer antenarius</i> | Crab, cancer | PAB |
| <i>Cancer borealis</i> | Crab, Jonah | HAN |
| <i>Cladocera</i> sp. | Daphnia | CON, MAZ |
| <i>Crago septemspinosis</i> | Shrimp, grass | TRS |
| <i>Crago</i> sp. | | LEM, MAZ |
| <i>Cyclops</i> sp. | | STE |
| <i>Daphnia magna</i> | Water flea | STE |
| <i>Daphnia pulex</i> | Water flea | STE |
| <i>Daphnia</i> sp. | Water flea | LEM, STE |
| <i>Dualipes ocellatus</i> | Crab, lady | HAN |
| <i>Eubranchipus vernalis</i> | Shrimp, fairy | CON, STE |
| <i>Eurypanopeus depressus</i> | Crab, mud | TRS |
| <i>Gammarus</i> sp. | Sandhopper | STE |
| <i>Hippolyte zostericola</i> | Shrimp, grass | HAN |
| <i>Hippolytidae</i> sp. | | MAQ |
| <i>Homarus americanus</i> | Lobster | LEM, MAZ, STE |
| <i>Lepas anatifera</i> | Barnacle, goose | LEM, MAZ |
| <i>Libinia emarginata</i> | Crab, spider | HAN |
| <i>Mysis stenolepis</i> | Shrimp, opossum or schizopod | LEM |
| <i>Neopanopeios texano sayi</i> | Crab, southern mud | HAN |
| <i>Ocypodidae</i> sp. | | MAQ |
| <i>Pagurus</i> sp. | Crab, hermit | CHC, HAN, LEM, MAZ, STE |
| <i>Paguridae</i> sp. | | MAQ |
| <i>Palaemonetes vulgaris</i> | Shrimp, common or prawn | TRS |
| <i>Palinuridae</i> sp. | | MAQ |
| <i>Portunidae</i> sp. | | MAQ |
| <i>Raninidae</i> sp. | | MAQ |
| <i>Rithropanopeus harrisi</i> | Crab, mud | TRS |
| <i>Scyllaridae</i> sp. | | MAQ |
| <i>Squillidae</i> sp. | | MAQ |
| <i>Uca pugnax</i> | Crab, fiddler | HAN, LEM, MAZ, TRS |
| | Amphipods, not designated | CON |
| | Copepod, not designated | CON |
| | Ostracods, not designated | CON |
| | Not designated | BAT, FLO |

INSECTA

| | | |
|-------------------------------|------------------------------------|--------------------|
| <i>Aeshna</i> sp. | Fly, dragon | LEM |
| <i>Anasa tristis</i> | Bug, squash | LEM, STE |
| <i>Anasa</i> sp. | Bug, squash | LEM |
| <i>Apis mellifera</i> | Bee, honey | LEM, STE |
| <i>Asellus communis</i> | Bug, common sow | LEM |
| <i>Benacus griseus</i> | Bug, giant water or electric light | LEM |
| <i>Blaberus craniifer</i> | Cockroach, southern | CON, LEM, TAR |
| <i>Blatta germanica</i> | Cockroach, common | CON, LEM, MAZ, TAR |
| <i>Blatta orientalis</i> | Cockroach, oriental | STE |
| <i>Bombus</i> sp. | Bee, bumble | LEM, WIG |
| <i>Bombyx mori</i> | Moth, silkworm | LEM |
| <i>Calosoma scrutator</i> | Beetle, ground | STE |
| <i>Camponotus herculeanus</i> | Ant, large black | LEM, STE, WIG |
| <i>Camponotus</i> sp. | Ant, carpenter | STE |
| <i>Cantharidae</i> sp. | Beetle, soldier | LEM |
| <i>Carabidae</i> sp. | Beetle, ground | LEM |
| <i>Cicindela</i> sp. | Beetle, tiger | STE |

| Species | Common Name | Code |
|----------------------------------|----------------------------|--|
| <i>Cimex lectularius</i> | Bug, bed | STE |
| <i>Coccinellidae</i> sp. | Beetle, lady | LEM |
| <i>Culex</i> sp. | Mosquito | LEM, MAZ, STE |
| <i>Danaus plexippus</i> | Butterfly, monarch | LEM |
| <i>Dermestidae</i> sp. | Beetle, dermestid | LEM |
| <i>Drosophila melanogaster</i> | Fly, fruit | CON, MAZ, STE, WHI |
| <i>Dytiscus verticalis</i> | Beetle, diving | LEM |
| <i>Ephemera</i> sp. | Mayfly | LEM |
| <i>Gammarus locusta</i> | Flea, sand | HAN |
| <i>Gryllus assimilis</i> | Cricket, field | STE |
| <i>Gryllus</i> sp. | Cricket | STE, MAZ |
| <i>Gyrinus</i> sp. | Beetle, whirligig | LEM |
| <i>Lepisma</i> sp. | Silverfish | LEM, WIG |
| <i>Leptinotarsa decimlineata</i> | Beetle, Colorado potato | LEM |
| <i>Leptocoris trivittatus</i> | Bug, box elder | CHI |
| <i>Lethocerus</i> sp. | Bug, electric light | LEM, MAZ, STE |
| <i>Lucanidae</i> sp. | Beetle, stag | LEM |
| <i>Magicicada septendecim</i> | Locust, seventeen year | LEM, STE |
| <i>Mallophaga</i> sp. | Lice, chewing | LEM |
| <i>Megasoma gyas</i> | Beetle, elephant | TAR |
| <i>Melanoplus</i> sp. | Grasshopper | LEM, MAZ, STE |
| <i>Menopon gallinae</i> | Lice, chicken | LEM |
| <i>Musca domestica</i> | Fly, house | LEM, MAZ, STE, WIG |
| <i>Oncopeltus fasciatus</i> | Beetle, red milkweed | LEM |
| <i>Passalus cornutus</i> | Beetle, horned | LEM |
| <i>Periplaneta americana</i> | Cockroach, American | STE |
| <i>Phyllophaga</i> sp. | Beetle, June | LEM, STE |
| <i>Pieris rapae</i> | Butterfly, cabbage | LEM, MAZ, STE |
| <i>Plecoptera</i> sp. | Fly, stone | LEM |
| <i>Popillia japonica</i> | Beetle, Japanese | LEM, MAZ |
| <i>Reticulitermes flavipes</i> | Termite, subterranean | LEM, WIG |
| <i>Romalea microptera</i> | Grasshopper, lubber | LEM, STE |
| <i>Samia cecropia</i> | Moth, cecropia | LEM |
| <i>Sialis infumata</i> | Alderfly, common eastern | LEM |
| <i>Silpha americana</i> | Beetle, carrion | LEM |
| <i>Similium</i> sp. | Fly, black | LEM |
| <i>Sphinx</i> sp. | Moth, sphinx | LEM |
| <i>Stagmomantis carolina</i> | Mantis, praying | LEM, MAZ, STE |
| <i>Staphylinidae</i> sp. | Beetle, rove | LEM |
| <i>Tabanus atratus</i> | Fly, horse | LEM, STE |
| <i>Tenebrio molitor</i> | Mealworm | CON, LEM, MAZ, STE, TAR, WHI, WIG, WOD |
| <i>Tibicen</i> sp. | Cicada, dog, day, or dwarf | LEM |
| <i>Trichodectes</i> sp. | Lice, hog | LEM |
| <i>Trichoptera</i> sp. | Fly, caddis | LEM |
| <i>Trogidae</i> sp. | Beetle, skin | LEM |
| <i>Vespa</i> sp. | Hornet, yellow jacket | LEM, MAZ, WIG |
| Not designated: | | |
| Ants | | |
| Bees | | |
| Beetles (10 varieties) | | |
| Walking stick | | |
| | | CON, LEM |
| | | CON |
| | | MAZ |
| | | STE |

OTHER ARTHROPODA

| | | |
|--------------------------|-------------------------|----------|
| <i>Julus</i> sp. | Millipede | LEM, MAZ |
| <i>Scolopendra heros</i> | Centipede, giant desert | PET, STE |

OTHER ARTHROPODA Continued

| Species | Common Name | Code |
|------------------------|----------------|----------|
| <i>Scolopendra</i> sp. | Centipede | MAZ, STE |
| <i>Spirobolus</i> sp. | Millipede | MAZ, STE |
| | Not designated | PAB |

CHORDATA

TUNICATA

| | | |
|-----------------------------|------------|-----|
| <i>Ciona intestinalis</i> | Tunicate | PAB |
| <i>Molgula manhattensis</i> | Sea squirt | STE |

CYCLOSTOMATA

| | | |
|--------------------------------|-----------------------|---------------|
| <i>Entosphenus tridentatus</i> | Lamprey, Pacific | LEM, STE |
| <i>Eptatretus stoutii</i> | Hagfish | PAB |
| <i>Ichthyomyzon castanau</i> s | Lamprey, chestnut | LEM |
| <i>Petromyzon marinu</i> s | Lamprey, Atlantic sea | LEM, MAZ, STE |
| | Lamprey, brook | LEM, STE |
| | Lamprey, lake | STE |
| | Not designated | BAT, FLO |

CONDRICHTHYES

| | | |
|--------------------------------|--------------------|---------------|
| <i>Cephaloscyllium uter</i> | Shark, swell | PAB |
| <i>Cephaloscyllium</i> sp. | Shark | MAZ |
| <i>Heterodontus francisci</i> | Shark, horn | PAB |
| <i>Heterodontus</i> sp. | Shark | MAZ |
| <i>Myliobatus freminvillei</i> | Ray, eagle | HAN |
| <i>Pteroplatea micrura</i> | Ray, butterfly | HAN |
| <i>Raja eglanteria</i> | Skate, clear-nosed | HAN, LEM |
| <i>Raja</i> sp. | Skate | MAZ |
| <i>Rhinoptera quadriloba</i> | Ray, cow-nosed | HAN |
| <i>Squalus acanthias</i> | Dogfish, spiny | HAN, LEM, STE |
| <i>Squalus</i> sp. | Dogfish | HAN, STE |
| <i>Torpedo californica</i> | Ray, electric | PAB |
| <i>Urolophus halleri</i> | Ray, sting, round | PAF |
| | Not designated | BAT, FLO |

OSTEICHTHYES

| | | |
|-----------------------------|-------------------|---------------|
| <i>Acipenser oxyrinchus</i> | Sturgeon, common | HAN |
| <i>Alosa aestivalis</i> | Herring, blueback | TRS |
| <i>Alosa pseudoharengus</i> | Alewife | HAN, TRS |
| <i>Alosa sapidissima</i> | Shad, American | TRS |
| <i>Alutera schoefifi</i> | Filefish, orange | HAN |
| <i>Amelurus melas</i> | Catfish | LEM, MAZ, STE |
| <i>Amia calva</i> | Bowfin | LEM, ZOO |
| <i>Amia</i> sp. | Bowfin | STE |
| <i>Anchoa mitchilli</i> | Anchovy, bay | TRS |
| <i>Anguilla bostonensis</i> | Eel, fresh-water | STE |

OSTEICHTHYES Continued

| Species | Common Name | Code |
|----------------------------------|-------------------------|-------------------------|
| <i>Anguilla rostrata</i> | Eel, American | HAN, TRS |
| <i>Apeltes quadratus</i> | Sickleback, four-spined | HAN |
| <i>Astroscopus guttatus</i> | Stargazer | HAN |
| <i>Aulorhynchidae</i> | Tube snout | LEM |
| <i>Bairdella chrysura</i> | Perch, silver | HAN |
| <i>Brevoortia tyrannus</i> | Menhaden, Atlantic | TRS |
| <i>Carassius auratus</i> | Goldfish | MAZ, REP, STE, TRS |
| <i>Centropristes striatus</i> | Bass, black sea | HAN |
| <i>Cephalodinotus greeni</i> | Sheephead | LEM |
| <i>Chasmodes bosquianus</i> | Blinny, striped | HAN |
| <i>Chilomycterus schoepfi</i> | Burrfish | HAN |
| <i>Cynoscion nebulosus</i> | Squeteague, spotted | HAN |
| <i>Cynoscion regalis</i> | Weakfish | HAN |
| <i>Cyprinodon variegatus</i> | Killifish, broad | HAN |
| <i>Cyprinus</i> sp. | Carp | LEM, MAZ, STE, TRS, ZOO |
| <i>Dasyatis centrura</i> | Stingray, northern | HAN |
| <i>Dorosoma cepedianum</i> | Shad, gizzard | TRS |
| <i>Etheostoma nigrum</i> | Darter, Johnny | TRS |
| <i>Fundulus diaphanus</i> | Killifish, banded | TRS |
| <i>Fundulus heteroclitus</i> | Mummichog, bull minnow | HAN, TRS |
| <i>Fundulus luciae</i> | Killifish, Lucy's | HAN |
| <i>Fundulus majalis</i> | Killifish, striped | HAN, TRS |
| <i>Gadus callarias</i> | Cod | HAN |
| <i>Gambusia</i> sp. | Fish, mosquito | STE |
| <i>Gasterosteus aculeatus</i> | Sickleback, three-spine | LEM |
| <i>Gobiesox stromosus</i> | Clingfish | HAN |
| <i>Gobiosoma boscii</i> | Goby, naked | HAN |
| <i>Gymnothorax mordax</i> | Eel, moray | PAB |
| <i>Hippocampus</i> sp. | Sea horse | CHC, LEM, MAZ, STE |
| <i>Hyporhamphus unifasciatus</i> | Halfbeak | HAN |
| <i>Hypsoblennius hentz</i> | Blenny, Carolina | HAN |
| <i>Ictalurus catus</i> | Catfish, white | TRS |
| <i>Ictalurus nebulosus</i> | Bullhead, brown | LEM, MAZ, TRS |
| <i>Ictalurus punctatus</i> | Catfish, channel | TRS |
| <i>Leiostomus xanthurus</i> | Spot | HAN |
| <i>Lepisosteus</i> sp. | Garpike | LEM, STE, ZOO |
| <i>Lepomis gibbosus</i> | Pumpkinseed, sunfish | LEM, MAZ, TRS |
| <i>Lepomis macrochirus</i> | Bluegill | MAZ |
| <i>Lophius piscatorius</i> | Angler | HAN |
| <i>Lophopsetta maculata</i> | Sundial | HAN |
| <i>Lysisosteus osseus</i> | Garfish | LEM, MAZ |
| <i>Menidia beryllina</i> | Silversides, tidewater | HAN, TRS |
| <i>Menidia menidia</i> | Silverside, Atlantic | TRS |
| <i>Merluccius bilinearis</i> | Hake, silver | HAN |
| <i>Micropogon undulatus</i> | Croaker, Atlantic | HAN |
| <i>Micropterus salmoides</i> | Bass, Largemouth black | MAZ |
| <i>Morone americana</i> | Perch, white | HAN |
| <i>Mugil cephalus</i> | Mullet, striped | HAN |
| <i>Mugil eureka</i> | Mullet, white | HAN |
| <i>Notropis hudsonius</i> | Shiner, spottail | TRS |
| <i>Opisthonema oglinum</i> | Herring, thread | HAN |
| <i>Opsanus tau</i> | Toadfish, oyster | HAN, TRS |
| <i>Orthopristis chrysopterus</i> | Fish, pig | HAN |
| <i>Osmerus mordax</i> | Smelt | LEM, MAZ |
| <i>Peprilus paru</i> | Fish, harvest | HAN |
| <i>Perca flavescens</i> | Perch, fresh-water | LEM, MAZ, STE, TRS |
| <i>Phycis regius</i> | Ling, spotted | HAN |
| <i>Pogonias cromis</i> | Drum, black | HAN |

OSTEICHTHYES Continued

| Species | Common Name | Code |
|-------------------------------------|---------------------------|----------|
| <i>Pomatomus saltarix</i> | Fish, blue | HAN |
| <i>Pomolobus aestivalis</i> | Herring, glut | HAN |
| <i>Poronotus triacanthus</i> | Butterfish | HAN |
| <i>Porosoma cepedianum</i> | Shad, gizzard | HAN |
| <i>Poxomis annularis</i> | Crappie, white | MAZ |
| <i>Prionotus scitulus</i> | Sea robin | HAN |
| <i>Pseudopleuronectes amer.</i> | Flounder, winter | TRS |
| <i>Pungitius pungitius</i> | Stickleback, nine-spine | LEM |
| <i>Rachycentron canadus</i> | Cobia | HAN |
| <i>Rhinichthys atrialus</i> | Dace, eastern black-nosed | LEM |
| <i>Rissola marginata</i> | Northern slippery dick | HAN |
| <i>Roccus americanus</i> | Perch, white | TRS |
| <i>Roccus saxatilis</i> | Bass, striped | HAN, TRS |
| <i>Salmo gairdnerii</i> | Trout, rainbow | MAZ |
| <i>Scaphirhynchus platyrhynchus</i> | Sturgeon, shovel-nosed | LEM, STE |
| <i>Scomberomorus maculatus</i> | Mackerel, Spanish | HAN |
| <i>Selene vomer</i> | Lookdown | HAN |
| <i>Seriola zonata</i> | Fish, rudder (branded) | HAN |
| <i>Spherooides maculatus</i> | Puffer | HAN |
| <i>Squatina squatina</i> | Monkfish | HAN |
| <i>Stenostomus aculeatus</i> | Porgy, southern | HAN |
| <i>Stenostomus chrysops</i> | Scup | HAN |
| <i>Stephanolepis hispidus</i> | Filefish | HAN |
| <i>Strongylura marinus</i> | Needlefish, Atlantic | HAN, TRS |
| <i>Syngnathus fuscus</i> | Pipefish | HAN |
| <i>Syngnathus</i> sp. | Pipefish | CHC |
| <i>Tautoga onitio</i> | Tautog | HAN |
| <i>Trichiurus lepturus</i> | Fish, cutlass | HAN |
| <i>Trinectes maculatus</i> | Hog choker | HAN, TRS |
| <i>Umbra limi</i> | Minnow, mud | LEM |
| <i>Vomer setapinnis</i> | Moonfish | HAN |
| | Not designated: | |
| | Fish, Hawaiian | MAQ |
| | Fish, rat-tail | LEM |
| | Fish, tropical | REP, STE |
| | Not designated | BAT, PAB |

AMPHIBIA

Urodela

| | | |
|--------------------------------|---------------------------|--------------------|
| <i>Ambystoma jeffersoni</i> | Salamander | MAZ, WHI, ZOO |
| <i>Ambystoma maculatum</i> | Salamander, spotted | REP, STE, ZOO |
| <i>Ambystoma opacum</i> | Salamander, marbled | LEM, WIG |
| <i>Ambystoma tigrinum</i> | Salamander, tiger | LEM, REP, STE, ZOO |
| <i>Amphiuma means</i> | Eel, Congo | LEM, RID, STE, ZOO |
| <i>Amphiuma tridactylum</i> | Eel, Congo | STE |
| <i>Desmognathus</i> sp. | Salamander | LEM, WHI |
| <i>Diemictylus viridescens</i> | Newt, red-spotted | LEM, MAZ, STE, ZOO |
| <i>Eurycea tynerensis</i> | Salamander, Texas | LEM |
| <i>Gymnotus electricus</i> | Eels, electric | MAZ, TAR |
| <i>Necturus maculosus</i> | Mudpuppy | LEM, STE, WIG, ZOO |
| <i>Plethodon cinereus</i> | Salamander, red-backed | WHI |
| <i>Salamandra salamandra</i> | Salamander, fire (Europe) | WHI, ZOO |
| <i>Siren lacertina</i> | Mud eel | STE |
| <i>Triturus torosus</i> | Newt, Pacific (giant) | LEM, WHI |
| <i>Triturus viridescens</i> | Newt, water | LEM, STE |
| <i>Triturus</i> sp. | Newt | MAZ, REP, STE, WHI |

| Species | Common Name | Code |
|------------------------------------|-----------------------------|---|
| <i>Aeris gryllus</i> | Frog, cricket | LEM, MAZ |
| <i>Agalychnis daemicolor</i> | Frog, Mexican green tree | PET |
| <i>Atelopus varius</i> | Frog, golden | RID |
| <i>Atelopus</i> sp. | Frog, poison arrow | RID |
| <i>Bombina bombina</i> | Toad, fire-bellied | WHL, ZOO |
| <i>Bufo alvarius</i> | Toad, Colorado River | PET |
| <i>Bufo americanus</i> | Toad, American | LAJ, LEM, MAZ, REP, STE, WHL, ZOO |
| <i>Bufo blombergi</i> | Toad, Blomberg's | CHC, RID, ZOO |
| <i>Bufo cognatus</i> | Toad, Great Plains | PET |
| <i>Bufo debilis</i> | Toad, green | MAZ |
| <i>Bufo fowleri</i> | Toad, Fowler's | STE |
| <i>Bufo marinus</i> | Toad, marine | CHC, LEM, MAQ, MAZ, PEW, REP, RID, STE, TAR, ZOO |
| <i>Bufo mazatlanensis</i> | Toad, sinaloan | PET |
| <i>Bufo punctatus</i> | Toad, red-spotted | PET |
| <i>Bufo quericus</i> | Toad, oak | WHL |
| <i>Bufo retiformis</i> | Toad, little green | PET |
| <i>Bufo terrestris</i> | Toad, common | LEM, RID, STE |
| <i>Bufo woodhousii</i> | Toad | STE, WHI |
| <i>Bufo</i> sp. | Toad | STE |
| <i>Ceratophrys</i> sp. | Frog, horned | MAZ, RID |
| <i>Dendrobates</i> sp. | Frog, poison arrow | RID |
| <i>Gigantorana goliath</i> | Frog, goliath | RID |
| <i>Hyla arenicolor</i> | Frog, canyon tree | PET |
| <i>Hyla baudini</i> | Frog, Mexican tree | PET |
| <i>Hyla cinerea</i> | Frog, green tree | LEM, MAZ, REP, STE, TAR |
| <i>Hyla crucifer</i> | Spring peeper | LEM, REP, STE, ZOO |
| <i>Hyla gratiosa</i> | Frog, barking tree | RID |
| <i>Hyla septentrionalis</i> | Frog, Cuban tree | RID |
| <i>Hyla squirella</i> | Frog, squirrel tree | TAR |
| <i>Hyla versicolor</i> | Frog, no. green tree | STE, ZOO |
| <i>Hyla</i> sp. | Frog, tree | STE |
| <i>Leptodactylus pentadactylus</i> | Frog, giant leptodactylid | RID, TAR |
| <i>Phrynohyas pilomma</i> | Frog, poisonous tree | RID |
| <i>Phrynosoma</i> sp. | Toad, horned | LEM, LOK |
| <i>Phyllomedusa bi-color</i> | Frog, giant emerald tree | TAR |
| <i>Phyllomedusa</i> sp. | Frog, red-eyed tree | RID |
| <i>Pipa pipa</i> | Toad, Surinam | CHC, STE, TAR |
| <i>Pseudobranchus striatus</i> | Siren, lesser | RID |
| <i>Rana catesbeiana</i> | Bullfrog | DAL, GOR, HOF, LAJ, LEM, MAZ, REP, RID, STE, WBS, WIG |
| <i>Rana clamitans</i> | Frog, green | HOF, LAJ, LEM, MAZ, STE, WIG |
| <i>Rana grilio</i> | Frog, southern bull | RID |
| <i>Rana heckscheri</i> | Frog, river | RID |
| <i>Rana palustris</i> | Frog, pickerel | LEM, MAZ, STE |
| <i>Rana pipiens</i> | Frog, leopard | DAL, HOF, LAJ, LEM, MAZ, STE, WBS, WIG |
| <i>Rana septentrionalis</i> | Frog, mink | LEM |
| <i>Rana sylvatica</i> | Frog, wood | LEM, STE |
| <i>Rana temporaria</i> | Frog, grass | MAZ |
| <i>Scaphiopus couchi</i> | Toad, Couch's spadefoot | PET |
| <i>Scaphiopus hammondi</i> | Toad, western spadefoot | PET |
| <i>Scaphiopus holbrookii</i> | Toad, spadefoot | LEM |
| <i>Siren lacertina</i> | Siren, greater | RID |
| <i>Smilisca baudini</i> | Frog, Mexican tree | RID |
| <i>Xenopus laevis</i> | Frog, South American clawed | STE |

Other Amphibia

| Species | Common Name | Code |
|---------|--|------|
| | Not designated: Amphibians, South American | TAR |
| | Not designated: Amphibians, African, Asian, American | TRE |
| | | |

REPTILIA

Testudinata

| | | |
|-----------------------------|----------------------------------|---|
| Amyda ferox | Turtle, soft-shelled | LEM, MAZ, REP, STE, TAR, WHL, ZOO |
| Barbouri sp. | Tortoise, box | MAZ |
| Batrachemey's nasuta | Broad head side neck | TAR |
| Caretta caretta | Turtle, loggerhead sea | RID |
| Chelonia mydas | Turtle, green sea | RID |
| Chelus fimbriata | Turtle, mata mata | CHC, RID, TAR |
| Chelydra osceola | Turtle, Florida snapping | TAR, ZOO |
| Chelydra serpentina | Turtle, common snapping | HOF, LEM, MAZ, REP, RID, STE, TRS, WHL, ZOO LEM, REP, STE, WHL, WIG, ZOO |
| Chrysemys picta | Turtle, painted | STE |
| Chrysemys sp. | Turtle | LEM, STE |
| Clemmys guttata | Turtle, common spotted | LEM, STE, WHI |
| Clemmys insculpta | Turtle, wood | WHL |
| Deirochelys reticularia | Turtle, chicken | RID |
| Dermatemys mawei | Turtle, Central American river | LEM, REP, STE, WHI, ZOO |
| Emys blandingii | Turtle, Blanding's | RID |
| Eretmochelys imbricata | Turtle, hawksbill sea | STE, WHI |
| Geoclemys hamiltoni | Turtle, spotted pond | RID |
| Geomys aureolata | Turtle, black bellied | PET |
| Gopherus agassizi | Tortoise, desert | RID, ZOO |
| Gopherus berlandieri | Tortoise, Texas gopher | CHC, LOK, REP, RID, TAR |
| Gopherus polyphemus | Tortoise, gopher | LEM, STE |
| Graptemys pseudogeographica | Terrapin, crescent | RID |
| Kinixys sp. | Tortoise, African hingeback | TAR |
| Kinosternon baurii | Turtle, Bauer's mud | PET, STE |
| Kinosternon flavescens | Turtle, yellow mud | RID |
| Kinosternon leucostomum | Turtle, white faced mud | TAR, WHI |
| Kinosternon scorpioides | Turtle, mud | PET |
| Kinosternon sonoriense | Turtle, sonoran mud | CHC, LEM, STE |
| Kinosternon sp. | Turtle, mud | RID |
| Lepidochelys kempi | Ridley, Atlantic | LEM, RID, STE, ZOO |
| Macrochelys temminckii | Turtle, alligator snapping | HAN, TAR |
| Malaclemys concentrica | Terrapin, diamond-backed | LEM, TRS |
| Malaclemys terrapin | Terrapin, no. diamond-back | CHC, STE, WHI, ZOO |
| Malaclemys sp. | Turtle, diamond-back | RID, TAR |
| Platemys platycephala | Turtle, brown side neck | RID |
| Platysternon megacephalum | Turtle, Asiatic big-headed | CHC, REP, TAR |
| Podoconemis expansa | Turtle, yellow-spotted side neck | TAR |
| Podoconemis unifilis | Turtle, orange-spotted side neck | RID |
| Podoconemys sp. | Turtle, side neck | LEM, LOK, MAZ, STE, WIG |
| Pseudemys elegans | Terrapin, mobile | CHC, LOK, WHI |
| Pseudemys floridiana | Terrapin, Florida | CHC, WHI |
| Pseudemys nelsoni | Turtle, Florida red-bellied | CHC, REP, TAR, WHI |
| Pseudemys ornata | Turtle, red-eared | CHC, LOK, STE, TAR |
| Pseudemys scripta | Terrapin, yellow-bellied | |

Testudinata Continued

| Species | Common Name | Code |
|------------------------------|---|------------------------------|
| <i>Pseudemys sucaniensis</i> | Sliders and Cooters, Florida | TAR |
| <i>Pseudemys</i> sp. | | STE, ZOO |
| <i>Staurotypus salveni</i> | Turtle, giant musk | RID |
| <i>Sternotherus minor</i> | Turtle, southern musk | CHC, TAR, WHI |
| <i>Sternotherus odoratus</i> | Turtle, stinkpot musk | LEM, TAR |
| <i>Terrapene carolina</i> | Turtle, common box | LEM, STE, TAR, WHI, WIG, ZOO |
| <i>Terrapene major</i> | Tortoise, southern box | CHC, STE |
| <i>Terrapene ornata</i> | Turtle, painted box | LEM, PET, WHI |
| <i>Testudo denticulata</i> | Tortoise, South American | CHC, RID, TAR |
| <i>Testudo elegans</i> | Tortoise, star | RID |
| <i>Testudo gigantea</i> | Tortoise, giant aldabra | RID |
| <i>Testudo pardalis</i> | Tortoise, African leopard | PET |
| <i>Trionyx ferox</i> | Turtle, southern soft-shelled | CHC, LEM |
| <i>Trionyx</i> sp. | Turtle, soft-shell Not designated: Tortoises, Galapagos | RID FRE |
| | Turtle, nonsnapping | HOF |
| | Turtle, South American | TAR |

Sauria

| | | |
|----------------------------------|----------------------------|-----------------------------------|
| <i>Amphisbaena alba</i> | Lizard, white-bellied worm | TAR |
| <i>Amphisbaena fuliginosa</i> | Lizard, worm | TAR |
| <i>Anolis carolinensis</i> | Chameleon | CHC, LEM, MAZ, REP, TAR, WHI, ZOO |
| <i>Anolis equestris</i> | Chameleon, Cuban | CHC, RID |
| <i>Anolis jamaicensis</i> | Anole, Jamaican giant | RID |
| <i>Basiliscus basiliscus</i> | Lizard, basilisk | CHC, REP, TAR |
| <i>Basiliscus plumifrons</i> | Basilisk, giant green | RID |
| <i>Basiliscus vittatus</i> | Basilisk, striped | RID |
| <i>Callisaurus ventralis</i> | Lizard, zebra-tailed | PET |
| <i>Chamaeleon dilepis</i> | Chameleon, flap-neck | ZOO |
| <i>Chamaeleon melleri</i> | Chameleon, giant | ZOO |
| <i>Chamaeleon jacksoni</i> | Chameleon, Jackson's | ZOO |
| <i>Chamaeleon</i> sp. | Chameleon, true | RID |
| <i>Cnemidophorus tigris</i> | Whiptail, western | PET |
| <i>Cnemidophorus sexlineatus</i> | Racerunner, six-lined | LEM |
| <i>Coleonyx variegatus</i> | Gekko, desert | CHC, REP |
| <i>Coleonyx bogerti</i> | Gekko, western banded | PET |
| <i>Cordylus</i> sp. | Lizard, armadillo | ZOO |
| <i>Crotaphytus collaris</i> | Lizard, collared | CHC, LEM, PET, REP |
| <i>Crotaphytus wislizeni</i> | Lizard, leopard | PET |
| <i>Ctenosaura hemilopha</i> | Iguana, false | LOK, MAZ |
| <i>Ctenosaura h. hemilopha</i> | Iguana, Mexican false | PET |
| <i>Ctenosaura similis</i> | Iguana, spiny-tailed | CHC, LOK, MAZ, RID |
| <i>Cyclura baetlopha</i> | Iguana, Bahama | RID |
| <i>Cyclura caimanensis</i> | Iguana, caiman | RID |
| <i>Cyclura cornutus</i> | Iguana, rhinoceros | CHC, LOK, RID |
| <i>Cyclura lewisi</i> | Iguana, blue | RID |
| <i>Cyclura ricordi</i> | Iguana, Ricord's | CHC, LOK, RID |
| <i>Dipsosaurus dorsalis</i> | Iguana, keel-backed desert | LOK, PET, REP |
| <i>Dracaena guianensis</i> | Lizard, caiman | RID, TAR |
| <i>Draco volans</i> | Lizard, flying | RID |
| <i>Eumeces egregius</i> | Skink, Florida red-tailed | CHC |
| <i>Eumeces fasciatus</i> | Skink, five-lined | REP |
| <i>Eumeces schneideri</i> | Skink, Schneider's giant | RID |
| <i>Gekko gekko</i> | Gekko, tokay | CHC, RID, ZOO |

Sauria Continued

| Species | Common Name | Code |
|------------------------------------|--------------------------------|-----------------------------------|
| <i>Gerrhonotus kingi</i> | Lizard, sonoran alligator | PET |
| <i>Gerrhonotus multicarinatus</i> | Lizard, alligator | CHC, MAZ, PET, WHI |
| <i>Heloderma horridum</i> | Lizard, beaded | CHC, LOK, MAZ, RID, TAR, ZOO |
| <i>Heloderma suspectum</i> | Gila monster | CHC, LOK, RID, TAR, ZOO |
| <i>Hemidactylus mabouia</i> | Gekko | TAR |
| <i>Holbrookia approximans</i> | Lizard, lesser earless | PET |
| <i>Holbrookia texana</i> sp. | Lizard, greater earless | PET |
| <i>Hydrosaurus amboinensis</i> | Lizard, East Indian water | RID |
| <i>Iguana iguana</i> | Iguana, green | CHC, LOK, MAZ, REP, RID, TAR, WHI |
| <i>Iguana rhinolopha</i> | Iguana, giant Central American | RID |
| <i>Iguana</i> sp. | Iguana | LOK, MAZ, ZOO |
| <i>Lacerta muralis</i> | Lizard, European wall | REP, WHI |
| <i>Lacerta viridis</i> | Lizard, European green | REP, WHI |
| <i>Microsaura pumella</i> | Chameleon, dwarf | ZOO |
| <i>Ophisaurus ventralis</i> | "Snake," glass | CHC, TAR, ZOO |
| <i>Phrynosoma cornutum</i> | "Horned toad" | CHC, MAZ, REP, TAR, WHI |
| <i>Polychrus marmoratus</i> | Lizard, marbled | TAR |
| <i>Sauromalus obesus</i> | Chuckawalla | CHC, PET, REP |
| <i>Sceloporus cyanogenys</i> | Swift, blue scaly | LEM, REP |
| <i>Sceloporus c. clarki</i> | Lizard, Clark's spiny | PET |
| <i>Sceloporus j. jarrovi</i> | Lizard, Yarrow's spiny | PET |
| <i>Sceloporus m. magister</i> | Lizard, desert spiny | PET |
| <i>Sceloporus consobrinus</i> | Lizard, eastern fence | PET |
| <i>Sceloporus undulatus</i> | Swift, fence | LEM, REP, WHI |
| <i>Sphaerodactylus</i> sp. | Gekko | REP |
| <i>Tupinambis nigropunctatus</i> | Lizard, golden tegu | CHC, MAZ, RID, TAR |
| <i>Tupinambis texuigin</i> | Lizard, tegu | CHC, MAZ, REP, RID, TAR |
| <i>Tupinambis</i> sp. | Lizard tegu | ZOO |
| <i>Uma notata cowlesi</i> | Lizard, Colorado desert sand | PET |
| <i>Urocentron castor</i> | Lizard, black flat-tail | TAR |
| <i>Uromastix</i> sp. | Lizard, spiny-tailed | RID |
| <i>Uta ornata symmetrica</i> | Lizard, tree | PET |
| <i>Uta stansburiana stejnegeri</i> | Lizard, side-blotched | PET |
| <i>Varanus bengalensis</i> | Monitor, Indian | RID |
| <i>Varanus exanthematicus</i> | Monitor, Savanna | RID |
| <i>Varanus flavescens</i> | Lizard, yellow monitor | CHC |
| <i>Varanus gouldi</i> | Monitor, Gould's | ZOO |
| <i>Varanus griseus</i> | Monitor, desert | RID |
| <i>Varanus niloticus</i> | Monitor, Nile | RID |
| <i>Varanus salvator</i> | Monitor, water | CHC, RID, ZOO |
| <i>Varanus</i> sp. | Monitor, Asian | ZOO |
| <i>Xantusia vigilis</i> | Lizard, Yucca night | WHI |
| | Lizards, not designated | EST |

Ophidia

| | | |
|--------------------------------|-----------------------|------------------------------|
| <i>Acrochordus javanicus</i> | Snake, elephant trunk | CHC, RID |
| <i>Agiistrodon bilineatus</i> | Cantil | RID |
| <i>Agiistrodon contortrix</i> | Copperhead | LEM, MAZ, RID |
| <i>Agiistrodon mokasen</i> | Copperhead, northern | MAZ, STE, WIG, ZOO |
| <i>Agiistrodon piscivorous</i> | Cottonmouth | CHC, LEM, MAZ, RID, TAR, ZOO |
| <i>Anilius scytale</i> | Snake, coral | CHC, TAR |
| <i>Arizona elegans</i> sp. | Snake, glossy | PET |
| <i>Atherus</i> sp. | Viper, African bush | ZOO |
| <i>Atractaspis</i> sp. | Viper, mole | RID |

Ophidia Continued

| Species | Common Name | Code |
|------------------------------------|---------------------------------|------------------------------|
| <i>Bitis arietans</i> | Adder, puff | RID |
| <i>Bitis gabonica</i> | Viper, gaboon | CHC, RID, ZOO |
| <i>Bitis nasicornis</i> | Viper, rhinoceros | CHC, RID, ZOO |
| <i>Boa annulata</i> | Boa, annulated | CHC |
| <i>Boa canina</i> | Boa, emerald tree | CHC, MAZ, RID, TAR, ZOO |
| <i>Boa cookii</i> | Boa, yellow tree | CHC, RID, TAR, ZOO |
| <i>Boa hortulana</i> | Boa, garden tree | CHC, TAR |
| <i>Boa</i> sp. | | LOK |
| <i>Boliga dendrophila</i> | Snake, mangrove | RID |
| <i>Bothrops atrox</i> | Fer-de-lance | CHC, MAZ, RID, TAR |
| <i>Bothrops hyoprora</i> | Hognose viper | MAZ, TAR |
| <i>Bothrops nigrovirides</i> | Viper, black and green | TAR |
| <i>Bothrops numifera</i> | Tommygoff, jumping | RID |
| <i>Bungarus fasciatus</i> | Krait, banded | CHC, ZOO |
| <i>Cemophora coccinea</i> | Snake, scarlet | TAR |
| <i>Cerberus rhynchos</i> | Snake, dog-faced water | RID |
| <i>Chersydrus granulatus</i> | Snake, wart | RID |
| <i>Chilomeniscus cinctus</i> | Snake, banded sand | PET |
| <i>Chionactis occipitalis</i> sp. | Snake, shovelnose | PET |
| <i>Chironius fuscus</i> | Snake, red whip | TAR |
| <i>Chironius verde</i> | Snake, green whip | TAR |
| <i>Chrysopelea ornata</i> | Snake, flying | RID |
| <i>Clelia clelia</i> | Mussarana | TAR |
| <i>Coluber constrictor</i> | Racer, black | CHC, MAZ, TAR |
| <i>Coluber c. foxi</i> | Racer, blue | LEM |
| <i>Coluber flagellum</i> | Coachwhip | CHC, LOK, TAR |
| <i>Coluber paludcola</i> | Snake, everglades racer | CHC |
| <i>Conophis lineatus</i> | Guarda camino | TAR |
| <i>Constrictor constrictor</i> | Boa, common | CHC, MAZ, RID, TAR, WHI |
| <i>Constrictor c. imperator</i> | Constrictor, Mexican boa | PET |
| <i>Constrictor c. rubicunda</i> | Boa, Brazilian red-tail | TAR |
| <i>Constrictor constrictor</i> sp. | Constrictor, South American boa | PET |
| <i>Crotalus adamanteus</i> | Rattlesnake, diamond-back | CHC, MAZ, RID, SMI, TAR, ZOO |
| <i>Crotalus atrox</i> | Rattlesnake, Texas | CHC, MAZ, PET, RID, ZOO |
| <i>Crotalus c. cerrobombus</i> | Sidewinder, Sonoran desert | PET |
| <i>Crotalus c. laterorepens</i> | Sidewinder, Colorado desert | PET |
| <i>Crotalus durissus</i> | Rattlesnake, tropical | RID, TAR |
| <i>Crotalus h. atricaudatus</i> | Rattlesnake, canebrake | RID |
| <i>Crotalus h. horridus</i> | Rattlesnake, timber | RID |
| <i>Crotalus l. klauberi</i> | Rattlesnake, green rock | PET |
| <i>Crotalus m. molossus</i> | Rattlesnake, blacktail | PET |
| <i>Crotalus scutulatus</i> | Rattlesnake, Mojave | PET |
| <i>Crotalus tigris</i> | Rattlesnake, tiger | PET |
| <i>Crotalus viridis</i> | Rattlesnake, prairie | ZOO |
| <i>Crotalus</i> sp. | Rattlesnake | LEM, ZOO |
| <i>Cyclagras gigas</i> | Cobra, false water | CHC, TAR |
| <i>Cylindrophis</i> sp. | Snake, cylinder | RID |
| <i>Dendroaspis viridis</i> | Mamba, green | RID |
| <i>Dipsas catesbeii</i> | Snake, snail-eating | TAR |
| <i>Dispholidus typus</i> | Boomslang | RID, ZOO |
| <i>Drymarchon corais</i> | Snake, indigo | CHC, LOK, RID, WHI, ZOO |
| <i>Drymarchon c. corais</i> | Cribo, yellow-tailed | TAR |
| <i>Drymarchon c. couperi</i> | Snake, Florida indigo | PET, TAR |
| <i>Drymarchon c. melanurus</i> | Cribo, grey | TAR |
| <i>Drymarchon c. rubidus</i> | Constrictor, Mexican boa | PET |
| <i>Echis carinata</i> | Viper, saw-scaled | ZOO |
| <i>Elaphe guttata</i> | Snake, corn | CHC, TAR |

Ophidia Continued

| Species | Common Name | Code |
|-------------------------------------|------------------------------|-------------------------|
| <i>Elaphe o. quadrivittata</i> | Snake, yellow rat | MAZ, TAR |
| <i>Elaphe quadrivittata</i> | Snake, chicken | CHC, WHI |
| <i>Elaphe spilooides</i> | Snake, gray rat | CHC |
| <i>Elaphe vulpina</i> | Snake, fox | WHI |
| <i>Elaphe</i> sp. | Snake, rat (various) | RID, ZOO |
| <i>Epicrates cenchris</i> | Boa, rainbow | CHC, RID |
| <i>Epicrates c. cenchris</i> | Boa, Brazilian rainbow | TAR |
| <i>Epicrates c. maurus</i> | Boa, Colombian rainbow | TAR |
| <i>Epicrates striatus</i> | Boa, Bahaman | RID |
| <i>Epicrates subflavus</i> | Boa, Jamaican | RID |
| <i>Eryx conicus</i> | Boa, Russell's earth | ZOO |
| <i>Eryx johnii</i> | Boa, sand | CHC, RID, ZOO |
| <i>Eunectes murinus</i> | Anaconda | CHC, MAZ, RID, TAR |
| <i>Eunectes notaeus</i> | Anaconda, yellow | RID |
| <i>Farancia abacura</i> | Snake, red-bellied | TAR, WHI |
| <i>Gongylophis conicus</i> | Boa, rough sand | RID |
| <i>Herpeton tentaculatum</i> | Snake, tentacle | RID |
| <i>Heterodon contortrix</i> | Snake, hog-nose | CHC, MAZ, TAR, WIG |
| <i>Heterodon simus</i> | Snake, southern hog-nose | CHC |
| <i>Heterodon</i> sp. | Snake, hog-nose | RID, PET |
| <i>Hypsiglena torquata</i> | Snake, spotted night | PET |
| <i>Imantodes cenchoa</i> | Snake, blunt-head tree | TAR |
| <i>Lachesis muta</i> | Bushmaster | RID, TAR |
| <i>Lampropeltis elapsoides</i> | Snake, scarlet king | CHC, TAR |
| <i>Lampropeltis getulus</i> | Snake, king | CHC, MAZ, RID |
| <i>Lampropeltis g. brooksi</i> | Snake, South Florida king | PET |
| <i>Lampropeltis g. californiae</i> | Snake, California king | PET |
| <i>Lampropeltis g. floridana</i> | Snake, Florida king | CHC, PET, TAR |
| <i>Lampropeltis g. holbrooki</i> | Snake, king (speckled) | CHC |
| <i>Lampropeltis g. splendida</i> | Snake, Arizona king | PET |
| <i>Lampropeltis g. yumensis</i> | Snake, Yuma king | PET |
| <i>Lampropeltis goini</i> | Snake, blotched king | CHC |
| <i>Lampropeltis p. woodini</i> | Snake, Arizona mountain king | PET |
| <i>Lampropeltis triangulum</i> | Snake, milk | WHI |
| <i>Lampropeltis</i> sp. | Snake, king | ZOO |
| <i>Leptophis ahaetulla</i> | Snake, green tree | TAR |
| <i>Leptophis r. nigromarginatus</i> | Snake, paradise green tree | TAR |
| <i>Lichanura roseofusca</i> sp. | Boa, rosy | PET |
| <i>Masticophis bilineatus</i> | Racer, sonoran | MAZ, PET |
| <i>Masticophis flagellum</i> | Snake, black racer | ZOO |
| <i>Masticophis f. piceus</i> | Racer, red or black | PET |
| <i>Micruroides euryxanthus</i> | Snake, Arizona coral | PET |
| <i>Micrurus fluvius</i> | Snake, coral | CHC, LEM, TAR, ZOO |
| <i>Micrurus spixi</i> | Snake, coral | TAR |
| <i>Micrurus</i> sp. | Snake, coral | TAR |
| <i>Naja melanoleuca</i> | Cobra, African black | RID |
| <i>Naja naja</i> | Cobra, spectacled | CHC, RID, ZOO |
| <i>Naja nigricollis</i> | Cobra, black-neck | RID |
| <i>Naja</i> sp. | Cobra | ZOO |
| <i>Natrix cyclopion</i> | Snake, green water | CHC, LEM, MAZ, TAR, WHI |
| <i>Natrix fasciata</i> | Snake, banded water | CHC, TAR |
| <i>Natrix floridana</i> | Snake, Florida green water | CHC |
| <i>Natrix sipedon</i> | Snake, water | CHC |
| <i>Natrix taxispilota</i> | Snake, brown water | CHC |
| <i>Natrix</i> sp. | Snake, water (various) | RID, ZOO |
| <i>Opheodrys aestivus</i> | Snake, rough-keeled green | CHC, LEM, TAR |
| <i>Ophiophagus hannah</i> | Cobra, king | RID |
| <i>Ophisaurus ventralis</i> | Snake, glass | TAR |
| <i>Oxybelis acuminatus</i> | Snake, pike-headed | CHC, TAR |

Ophidia Continued

| Species | Common Name | Code |
|-----------------------------------|-----------------------------------|-------------------------|
| <i>Oxybelis fulgidus</i> | Snake, long-nosed tree | TAR |
| <i>Oxybelis</i> sp. | Snake, American vine | RID |
| <i>Oxyrhopus petola</i> | Coral, false | TAR |
| <i>Pelamis platurus</i> | Snake, yellow-bellied sea | RID |
| <i>Phyllorhynchus b. browni</i> | Snake, saddled leafnose | PET |
| <i>Phyllorhynchus decurtatus</i> | Snake, spotted leafnose | PET |
| <i>Pituophis catenifer</i> | Snake, bull | LOK, WHI |
| <i>Pituophis c. affinis</i> | Snake, bull or gopher | PET |
| <i>Pituophis m. mugitus</i> | Snake, pine | TAR |
| <i>Pituophis ruthveni</i> | Snake, Florida pine | CHC |
| <i>Pituophis</i> sp. (various) | Snake, bull and pine | RID |
| <i>Pseudoeryx plicatella</i> | Snake, mud | TAR |
| <i>Pseustes poecilonotus</i> | Cobra, false | TAR |
| <i>Python curtus</i> | Python, blood | RID, ZOO |
| <i>Python molurus</i> | Python, Indian rock | ALI, CHC, MAZ, RID, ZOO |
| <i>Python regius</i> | Python, ball | CHC, RID, ZOO |
| <i>Python sebae</i> | Python, African rock | CHC, RID, ZOO |
| <i>Python reticulatus</i> | Python, reticulated | CHC, RID, ZOO |
| <i>Rhinocheilus l. lecontei</i> | Snake, western longnose | PET |
| <i>Salvadora hexalepis</i> sp. | Snake, western patchnose | PET |
| <i>Sistrurus miliarius</i> | Rattlesnake, pygmy | CHC, RID, TAR, ZOO |
| <i>Spilotes pullatus</i> | Spilote, South American rat snake | TAR |
| <i>Storeria dekayi</i> | Snake, DeKay's | WHI |
| <i>Storeria occipitomaculata</i> | Snake, red-bellied | LEM |
| <i>Tantilla</i> sp. | Snake, black-headed worm | PET |
| <i>Thaumophis richardi</i> | Snake, green tree | CHC |
| <i>Thamnophis butleri</i> | Garter, Butler's | ZOO |
| <i>Thamnophis sackenii</i> | Snake, southern ribbon | CHC, TAR |
| <i>Thamnophis sauritus</i> | Snake, eastern ribbon | WHI |
| <i>Thamnophis sirtalis</i> | Snake, garter | CHC, STE, TAR, WHI, ZOO |
| <i>Thamnophis</i> sp. | Snake, garter | LEM, MAZ, PET, STE |
| <i>Thelotornis kirtlandi</i> | Snake, African bird | RID |
| <i>Trimerisurus</i> sp. (various) | Viper, Asiatic pit | RID |
| <i>Trimorphodon lambda</i> | Viper, Arizona lyre | PET |
| <i>Vipera ammodytes</i> | Viper, sand | RID, ZOO |
| <i>Vipera berus</i> | Viper, European | RID, ZOO |
| <i>Vipera lebantina</i> | Viper, Lebantine | RID |
| <i>Vipera russelli</i> | Viper, Russel's | RID, ZOO |
| <i>Xenopeltis unicolor</i> | Snake, sunbeam | RID |
| | Snake, not designated: | |
| | Pythons | EST |
| | Asian | TRE |
| | Harmless, Texas, Mexico | LOK |
| | Sea | RID |
| | South American | TAR |
| | Snakes | LOK, SMI, STE |

Loricata

| | | |
|-----------------------------------|-----------------------|------------------------------|
| <i>Alligator mississippiensis</i> | Alligator, American | LEM, LOK, MAZ, RID, WHI, ZOO |
| <i>Alligator sinensis</i> | Alligator, Chinese | RID |
| <i>Caiman fuscus</i> | Caiman, brown | RID |
| <i>Caiman jacare</i> | Caiman, jacare | RID |
| <i>Caiman latirostris</i> | Caiman, broad-fronted | RID |
| <i>Caiman sclerops</i> | Caiman, spectacled | CHC, REP, RID, TAR, ZOO |
| <i>Caiman</i> sp. | Caiman | LEM, MAZ, WHI |
| <i>Crocodylus acutus</i> | Crocodile, American | CHC, LOK, MAZ, RID, TAR, ZOO |

Loricata Continued

| Species | Common Name | Code |
|---------------------------------|-------------------------------|---------------|
| <i>Crocodylus cataphractus</i> | Crocodile, slender-snouted | RID |
| <i>Crocodylus johnstoni</i> | Crocodile, Johnstone's | RID |
| <i>Crocodylus mindorensis</i> | Crocodile, mindoro | RID |
| <i>Crocodylus moreleti</i> | Crocodile, Morelet's | CHC, RID |
| <i>Crocodylus niloticus</i> | Crocodile, Nile | RID, ZOO |
| <i>Crocodylus palustris</i> | Crocodile, mugger | RID |
| <i>Crocodylus porosus</i> | Crocodile, salt-water | RID |
| <i>Crocodylus siamensis</i> | Crocodile, Siamese | RID |
| <i>Gavialis gangeticus</i> | Gavial, Indian | RID |
| <i>Melanosuchus niger</i> | Caiman, black | RID, TAR |
| <i>Osteolaemus osborni</i> | Crocodile, Congo dwarf | RID |
| <i>Osteolaemus tetraspis</i> | Crocodile, West African dwarf | RID |
| <i>Palaeosuchus palpebrosus</i> | Caiman, dwarf | RID |
| <i>Palaeosuchus trigonatus</i> | Caiman, smooth-fronted | CHC, RID, TAR |
| <i>Tomistoma schlegelli</i> | Gavial, Malayan | ZOO |
| | Crocodiles, not designated | EST |

AVES

Sphenisciformes

| | | |
|------------------------------|----------------------|---------------|
| <i>Eudyptes cretatus</i> | Penguin, rock-hopper | RID |
| <i>Pygoscelis adeliae</i> | Penguin, Adelie | RID |
| <i>Spheniscus demersus</i> | Penguin, jackass | RID |
| <i>Spheniscus humboldtii</i> | Penguin, Humboldt | CHC, RID, TRE |
| <i>Spheniscus mendiculus</i> | Penguin, Galapagos | FRE |

Struthioniformes

| | | |
|-------------------------|---------|----------|
| <i>Struthio camelus</i> | Ostrich | CHC, RID |
| <i>Struthio sp.</i> | Ostrich | FRE |

Rheiformes

| | | |
|-----------------|------|---------------|
| <i>Rhea sp.</i> | Rhea | CHC, RID, ZOO |
|-----------------|------|---------------|

Pelecaniformes

| | | |
|----------------------------------|---------------------------|---------------|
| <i>Fregata magnificens</i> | Frigate bird, magnificent | RID |
| <i>Pelecanus erythrorhynchos</i> | Pelican, American white | RID |
| <i>Pelecanus occidentalis</i> | Pelican, brown | CHC, MAZ, RID |

Ciconiiformes

| | | |
|--------------------------------------|---------------------------|--------------------|
| <i>Ajaja ajaja</i> | Spoonbill, roseate | CHC, FRE, RID, TRE |
| <i>Anastomus oscitans</i> | Stork, Indian open-billed | RID |
| <i>Ardeola ibis</i> | Egret, cattle | RID |
| <i>Ciconia ciconia</i> | Stork, European white | CHC, MAZ |
| <i>Ciconia nigra</i> | Stork, European black | VAN |
| <i>Cochlearius cochlearius</i> | Heron, boat-billed | CHC, FRE, MAZ, RID |
| <i>Ephippiorhynchus senegalensis</i> | Stork, saddle-billed | VAN |
| <i>Eudocimus alba</i> | Ibis, white | CHC, MAZ, RID |
| <i>Eudocimus rubra</i> | Ibis, scarlet | CHC, RID, TRE |
| <i>Ibis leucocephalus</i> | Stork, painted | VAN |
| <i>Jabiru mycteria</i> | Stork, jabiru | CHC, FRE, VAN |

Ciconiiformes Continued

| Species | Common Name | Code |
|---------------------------------|--------------------------|---------------|
| <i>Leptoptilus crumeniferus</i> | Stork, marabou | FRE, VAN |
| <i>Mycteria americana</i> | Ibis, American wood | CHC, FRE, RID |
| <i>Nycticorax nycticorax</i> | Heron, black-brown night | RID |
| <i>Plegadis falcinellus</i> | Ibis, glossy | CHC, FRE |
| <i>Pseudibis papillosa</i> | Ibis, black | RID |
| <i>Threskiornis aethiopica</i> | Ibis, sacred | RID |
| <i>Tigrisoma lineatum</i> | Heron, tiger-banded | CHC |

Phoenicopteriformes

| | | |
|---------------------------------|-------------------|---------------|
| <i>Phoeniconaias minor</i> | Flamingo, lesser | RID |
| <i>Phoenicoparrus andinus</i> | Flamingo, Andean | RID |
| <i>Phoenicopterus chilensis</i> | Flamingo, Chilean | CHC |
| <i>Phoenicopterus ruber</i> | Flamingo, common | CHC, FRE, RID |
| <i>Phoenicopterus</i> sp. | Flamingo | TRE |

Anseriformes

| | | |
|----------------------------------|------------------------|---------------|
| <i>Anas platyrhynchos</i> | Duck, mallard | MAZ, TRS, WHI |
| <i>Anhima cornuta</i> | Screamer, horned | CHC, FRE, RID |
| <i>Anser anatidae</i> | Goose, Chinese white | TRS |
| <i>Branta canadensis</i> | Goose, Canadian | MAZ, TRS |
| <i>Cairina moschata</i> | Duck, muscovy | MAZ, TRS, WHI |
| <i>Chauna chavaria</i> | Screamer, black-necked | CHC, FRE, RID |
| <i>Chauna torquata</i> | Screamer, crested | RID |
| <i>Cygnus columbianus</i> | Swan, white | FRE, MAZ |
| <i>Cygnus melanocoryphus</i> | Swan, black | CHC, FRE |
| <i>Cygnus olor</i> | Swan, white mute | CHC |
| <i>Cygnus</i> sp. | Swan, black-necked | CHC |
| <i>Lophotettix specularoides</i> | Duck, crested | WHI |
| <i>Psophia virdis</i> | Duck, Pekin | WHI |
| | Not designated: | |
| | Duck | LOK |
| | Goose | ADV, LOK |
| | Goose, gray toulouse | THR |
| | Goose, white Chinese | THR |
| | Goose, white Ebden | THR |

Falconiformes

| | | |
|---------------------------------|------------------------|---------------|
| <i>Accipiter cooperii</i> | Hawk, Cooper's | WHI |
| <i>Aquila rapax</i> | Eagle, tawny | CHC |
| <i>Buteo magnirostris</i> | Hawk, roadside | CHC |
| <i>Caracara</i> sp. | Caracara | CHC, RID |
| <i>Circaetus ferox</i> | Eagle, Indian buzzard | CHC |
| <i>Coragyps atratus</i> | Vulture, black | MAZ |
| <i>Falco</i> sp. | Falcon | MAZ, TRE |
| <i>Herpia harpyja</i> | Eagle, harpy | CHC |
| <i>Microhierax</i> sp. | Falconet, pygmy | CHC, TRE |
| <i>Milvus migrans</i> | Kite, pariah | CHC |
| <i>Sarcorhamphus papa</i> | Vulture, king | CHC, TRE |
| <i>Sagittarius serpentarius</i> | Secretary bird | FRE, RID |
| <i>Terathopius ecaudatus</i> | Eagle, bateleur | FRE |
| <i>Vultur gryphus</i> | Condor, Andean | CHC, RID, TRE |
| | Not designated: | |
| | Falcon, South American | TAR, WHI |
| | Falconess, red-thighed | FRE |
| | Hawk | MAZ |

Galliformes

| Species | Common Name | Code |
|--------------------------------|------------------------------|-------------------------|
| <i>Acyrrium vulturinum</i> | Guinea fowl | MAZ, RED, RID, TRS |
| <i>Agriocharis ocellata</i> | Turkey, trio ocellated | FRE |
| <i>Crax sp.</i> | Currasow | CHC |
| <i>Chrysolophus amherstiae</i> | Pheasant, Lady Amherst | RED, WHI |
| <i>Chrysolophus pictus</i> | Pheasant, golden | MAZ, RED, WHI |
| <i>Colinus virginianus</i> | Quail, bob white | MAZ, TRS |
| <i>Coturnix conturnix</i> | Quail, coturnix | SHB, TRS |
| <i>Guttera sp.</i> | Guinea, crested | RID |
| <i>Lophura nycthemera</i> | Pheasant, silver | RED, WHI |
| <i>Mitu mitu</i> | Currasow, great razor-billed | CHC |
| <i>Numida meleagris</i> | Guinea hen, common | RID |
| <i>Pavo cristatus</i> | Peafowl | CHC, LOK, RED, TRE, TRS |
| <i>Penelope purpurascens</i> | Guan, crested | RID |
| <i>Phasianus colchicus</i> | Pheasant, ring-neck | ADV, MAZ, RED, TRS |
| <i>Phasianus perdix</i> | Quail, chukar | TRS |
| <i>Phasianus sp.</i> | Pheasant | MAZ, STE |
| <i>Syrmaticus reevesi</i> | Pheasant, Reeves' | RED |
| | Pheasants, not designated | LOK, RED |

Gruiformes

| | | |
|-------------------------------|-------------------------|----------|
| <i>Anthropoides paradisea</i> | Crane, Stanley | FRE, RID |
| <i>Anthropoides virgo</i> | Crane, Demoiselle | FRE |
| <i>Aramidis cajanes</i> | Rail, Cayenne wood | CHC |
| <i>Balearica pavonia</i> | Crane, crowned | FRE, RID |
| <i>Botaurus sp.</i> | Bittern, tiger | CHC, RID |
| <i>Eurypyga helias</i> | Sur-bittern | CHC |
| <i>Grus antigone</i> | Crane, Sarus | FRE, RID |
| <i>Grus grus</i> | Crane, European | RID |
| <i>Psophia crepitans</i> | Trumpeter, common | CHC, FRE |
| <i>Psophia leucoptera</i> | Trumpeter, white-winged | CHC, RID |
| <i>Psophia viridis</i> | Trumpeter, green-winged | CHC |

Charadriiformes

| | | |
|--------------------------------|----------------------------|---------------|
| <i>Actophilornis africanus</i> | Jacana, African | RID |
| <i>Belonopterus chilensis</i> | Lapwing, southern | FRE |
| <i>Burhinus superciliaris</i> | Thick-knee, South American | CHC |
| <i>Jacana spinosa</i> | Jacana, American black | CHC, RID |
| <i>Larosterna inca</i> | Tern, Inca | CHC, FRE, RID |
| <i>Charadriidae</i> | Plover, thick-knee | FRE |

Columbiformes

| | | |
|----------------------------|-----------------------|---|
| <i>Columba livia</i> | Pigeon, domestic | ALI, CZE, HIC, LAN, LEM, LOK, OAD, PAL, RID, STE, THR, WHI, WIG |
| <i>Columba sp.</i> | Dove, not designated | LOK, MAZ, RID, STE, THR |
| <i>Peristerid luzonica</i> | Dove, bleeding heart | CHC |
| <i>Streptopelia sp.</i> | Dove, ringneck | CHC, RED, THR, WHI |
| | Not designated: | |
| | Dove, Key West quail | FRE |
| | Pigeons, barn | HIL |
| | Pigeon, Goura crowned | STE |
| | Pigeon, king, carneau | LAN |
| | Pigeons | RED, RID |

Columbiformes Continued

| Species | Common Name | Code |
|---------|-------------------------------|------|
| | Pigeons, wild | CZE |
| | Pigeons, yellow-bellied fruit | FRE |

Psittaciformes

| | | |
|-----------------------------------|------------------------------|---------------|
| <i>Agapornis personata</i> | Lovebird, African black-mask | CHC |
| <i>Agapornis roseicollis</i> | Lovebird, African peach-face | CHC |
| <i>Amazona ochrocephala</i> | Parrot, yellow-headed | CHC, RID |
| <i>Anodorhynchus hyacinthinus</i> | Macaw, hyacinth | CHC, MAZ |
| <i>Ara ararauna</i> | Macaw, blue and gold | CHC, RID |
| <i>Ara chloroptera</i> | Macaw, red and green | CHC |
| <i>Ara macao</i> | Macaw, scarlet | CHC, RID |
| <i>Ara militaris</i> | Macaw, military | RID |
| <i>Ara sp.</i> | Macaw | TRE |
| <i>Cacatua</i> sp. | Cockatoo | MAZ, TRE |
| <i>Eupsittula canicularis</i> | Parrot, half-moon | CHC, WHI |
| <i>Leptolophus hollandicus</i> | Cockatiel | CHC, MAZ, ZOO |
| <i>Melopsittacus undulatus</i> | Budgerigar | ZOO |
| <i>Poicephalus gullemi</i> | Parrot, red-head | MAZ, RID, WHI |
| <i>Psittacus erithacus</i> | Parrot, African gray | CHC, WHI |
| | Not designated: | |
| | Parakeet | RID, WHI, ZOO |
| | Parrot | WHI |

Cuculiformes

| | | |
|---------------------------|------------------------------|----------|
| <i>Musophagidae</i> | Turaco or touracou | FRE |
| <i>Tauraco hartlaubi</i> | Plantain-eater, blue-crested | RID |
| <i>Tauraco leucophrys</i> | Touraco, white-crested | CHC, RID |
| <i>Tauraco</i> sp. | Turaco | RID |

Strigiformes

| | | |
|--------------------------|---------------------|----------|
| <i>Aegolius acadicus</i> | Owl, saw-whet | WHI |
| <i>Bubo virginianus</i> | Owl, great-horned | STE, WHI |
| <i>Nyctea scandiaca</i> | Owl, snowy | WHI |
| <i>Otus asio</i> | Owl, screech | WHI |
| <i>Pulsatrix</i> sp. | Owl, spectacled | CHC |
| <i>Strix varia</i> | Owl, barred | WHI |
| <i>Tyto alba</i> | Owl, barn | CHC, MAZ |
| | Owl, not designated | MAZ |

Trogoniformes

| | | |
|----------------------------|---------|----------|
| <i>Pharomacrus mocinno</i> | Quetzal | CHC, RID |
|----------------------------|---------|----------|

Coraciiformes

| | | |
|----------------------------------|-------------------------|---------------|
| <i>Bucorvus leadbeateri</i> | Hornbills, abyss ground | FRE |
| <i>Bycanistes subcylindricus</i> | Hornbill, casqued | FRE |
| <i>Chloroceryle americana</i> | Kingfisher, green | RID |
| <i>Momotus momota</i> | Motmot, blue-crowned | CHC, FRE, RID |

Piciformes

| | | |
|------------------------------------|-----------------------------|-----|
| <i>Aulacorhynchus haematopygus</i> | Toucanette, green, red rump | CHC |
|------------------------------------|-----------------------------|-----|

Piciformes Continued

| Species | Common Name | Code |
|-----------------------------------|------------------------------|---------------|
| <i>Aulacorhynchus prasinus</i> | Toucanette, emerald | CHC, FRE, RID |
| <i>Capitonidae</i> sp. | Barbet | FRE |
| <i>Eubucco bourcierii</i> | Barbet, red-headed | CHC |
| <i>Lybius leucocephalus</i> | Barbet, white-headed | RID |
| <i>Megalaima asiatica</i> | Barbet, blue-throated | CHC |
| <i>Pogoniulus bilineatus</i> | Barbet, golden-rumped tinker | RID |
| <i>Pteroglossus beauharnaesii</i> | Toucanette, curly-headed | CHC, FRE, RID |
| <i>Pteroglossus torquatus</i> | Aracari, collared | CHC |
| <i>Ramphastos cuvieri</i> | Toucan, Cuvier's | CHC |
| <i>Ramphastos sulfuratus</i> | Toucan, sulphur-breasted | CHC, FRE, RID |
| <i>Ramphastos swainsoni</i> | Toucan, Swainson's | CHC |
| <i>Ramphastos toco</i> | Toucan, toco | CHC, FRE, RID |
| <i>Ramphastos vitellinus</i> | Toucan, white-breasted | CHC, RID |
| <i>Ramphastos</i> sp. | Toucan | TRE |
| <i>Selenidera</i> sp. | Toucanette | RID |
| <i>Semnornis ramphastinus</i> | Barbet, toucan | CHC |
| <i>Tricholaema diadematum</i> | Barbet, red-fronted | RID |

Passeriformes

| | | |
|---------------------------------|-----------------------------|--------------------|
| <i>Acridotheres tristis</i> | Mynah bird | CHC, MAZ, WHI |
| <i>Agelaius icterocephalus</i> | Marsh bird, yellow-headed | CHC |
| <i>Amandina</i> sp. | Finch, red | CHC |
| <i>Cephalopterus ornatus</i> | Bird, ornate umbrella | RID |
| <i>Chlorophonia occipitalis</i> | Chlorophonia, blue-crowned | CHC |
| <i>Corvus corax</i> | Raven | MAZ, WHI |
| <i>Corvus</i> sp. | Crow | MAZ, WHI |
| <i>Cyanerpes caeruleus</i> | Honeycreeper, yellow-legged | CHC |
| <i>Cyanerpes cyaneus</i> | Honeycreeper, blue | CHC |
| <i>Cyanocitta cristata</i> | Bluejay | MAZ, WHI |
| <i>Estrilda melpoda</i> | Waxbill, orange-cheeked | CHC |
| <i>Estrilda sublava</i> | Waxbill, gold-breasted | CHC |
| <i>Exanthoura yncas</i> | Jay, Columbian green | CHC |
| <i>Gracula religiosa</i> | Mynah, Indian greater hill | CHC |
| <i>Gymnostinops montezuma</i> | Oropendola, Montezuma | FRE |
| <i>Icterus icterus</i> | Troupial | CHC |
| <i>Irena puella</i> | Bluebird, fairy | CHC, MAZ |
| <i>Lagonosticta senegala</i> | Finch, African fire | CHC |
| <i>Lipaagus vociferans</i> | Cotinga, common gray | RID |
| <i>Passer domesticus</i> | Sparrow, English | ALI, LEM, MAZ, STE |
| <i>Pica hudsonia</i> | Magpie | WHI |
| <i>Procnias nudicollis</i> | Bell bird, bare-throated | CHC |
| <i>Ramphocelus carbo</i> | Tanager, silver-beaked | CHC, VAN |
| <i>Ramphocelus flammigrus</i> | Tanager, orange-rumped | VAN |
| <i>Ramphocelus icteronotus</i> | Tanager, yellow-rumped | CHC, RID |
| <i>Ramphocelus passerini</i> | Tanager, scarlet-rumped | CHC, MAZ, RID |
| <i>Rupicola peruviana</i> | Cock-of-the-Rock, scarlet | CHC, RID |
| <i>Rupicola rupicola</i> | Cock-of-the-Rock | CHC, FRE |
| <i>Serinus canarius</i> | Canary | MAZ |
| <i>Sicalis flaveola</i> | Finch, saffron | CHC |
| <i>Sturnella militaris</i> | Starling, military | CHC, MAZ |
| <i>Turdus nudigenis</i> | Robin, bare-eyed | MAZ |
| | Not designated: | |
| | Crows | LOK |
| | Finches | FRE, MAZ |
| | Honeycreepers | FRE |
| | Jay, Inca | FRE |
| | Jay, pega | FRE |

Passeriformes Continued

| Species | Common Name | Code |
|---------|-------------|------|
| | Ravens | LOK |
| | Tanagers | FRE |

MAMMALIA

Marsupialia

| | | |
|--------------------------------|-------------------------------|-----------------------------------|
| <i>Caluromys lanatus</i> | Opossum, woolly | CHC, TAR, ZOO |
| <i>Didelphis virginianus</i> | Opossum, American | CHC, HAI, MAZ, RID, SMI, TAR, ZOO |
| <i>Macropus</i> sp. | Kangaroo | MAZ, TRE |
| <i>Marmosa cinerea</i> | Opossum, Murine | FRE |
| <i>Marmosa</i> sp. | Opossum, South American mouse | CHC, ZOO |
| <i>Metachirus nudicaudatus</i> | Opossum, four-eyed | CHC, FRE, TAR, ZOO |

Insectivora

| | | |
|----------------------------|------------------------|-------------------------|
| <i>Blarina brevicauda</i> | Shrew, short-tail | WHI |
| <i>Erinaceus europaeus</i> | Hedgehog, Eurasian | CHC, FRE, INT, RID, ZEE |
| <i>Erinaceus hindei</i> | Hedgehog, East African | RID |
| <i>Erinaceus</i> sp. | Hedgehog | ZOO |
| <i>Hemiechinus</i> sp. | Hedgehog, Pakistan | ZOO |
| <i>Solenodon paradoxus</i> | Solenodon | ZEE |
| <i>Suncus</i> sp. | Shrew, musk | ZOO |
| | Shrew, not designated | MAZ, WHI |

Chiroptera

| | | |
|-------------------------|--------------------|--------------------|
| <i>Artebius</i> sp. | Bat, Mexican fruit | ZOO |
| <i>Desmodus rotunda</i> | Bat, vampire | ZOO |
| <i>Eptesicus fuscus</i> | Bat, big brown | LEM, MAZ |
| <i>Myotis lucifuga</i> | Bat, little brown | LEM, MAZ, STE, ZOO |

Primates

(Tupaiidae)

| | | |
|--------------------|------------|------------------------------|
| <i>Tupaia glis</i> | Tree shrew | ASL, CHC, INT, JEJ, RID, ZOO |
|--------------------|------------|------------------------------|

(Lemuridae)

| | | |
|---------------------|-----------------------|----------|
| <i>Lemur catta</i> | Lemur, ring-tailed | RID |
| <i>Lemur mongoz</i> | Mongoose—lemurs | RID |
| | Lemur, not designated | MAZ, ZEE |

(Lorisidae)

| | | |
|--------------------------------|------------------|-------------------------|
| <i>Arctocebus calabarensis</i> | Angwantibo | RID |
| <i>Galago crassicaudatus</i> | Galago, great | FRE, INT |
| <i>Galago senegalensis</i> | Lesser bushbaby | INT |
| <i>Galago</i> sp. | Galago, bushbaby | ASL, HAT, RID, WHI, ZOO |
| <i>Loris tardigradus</i> | Slender loris | INT |
| <i>Loris</i> sp. | Slender loris | HAT, RID, ZOO |
| <i>Nycticebus coucang</i> | Slow loris | FRE |

(Lorisidae) Continued

| Species | Common Name | Code |
|-------------------------|-------------|-------------------------|
| <i>Nycticebus</i> sp. | Slow loris | CHC, HAT, INT, RID, ZOO |
| <i>Perodicticus</i> sp. | Potto | CHC, HAT, INT, RID |

(Tarsiidae)

| | | |
|-------------------------|---------------------|----------|
| <i>Tarsius spectrum</i> | Tarsier, Celebesean | MAZ, ZOO |
|-------------------------|---------------------|----------|

(Cebidae)

| | | |
|----------------------------------|---------------------------------|--|
| <i>Alouatta belzebul</i> | Monkey, black howler | RID |
| <i>Alouatta palliata</i> | Monkey, red howler | CHC, HAT, INT, JEJ, TAR |
| <i>Alouatta</i> sp. | | ZOO |
| <i>Aotus trivirgatus</i> | Douroucouli | ASI, CHC, FRE, HAT, INT, JEJ, PEW, PRM, SHA, TAR, TRE, WHI |
| <i>Aotus</i> sp. | Monkey, night | HAT, RID, ZOO |
| <i>Ateles fusciceps</i> | Monkey, grey spider | CHC, HAT, RID, TAR, WHI |
| <i>Ateles geoffroyi</i> | Monkey, golden spider | CHC, FRE, HAT, INT, REP, RID, WHI |
| <i>Ateles paniscus</i> | Monkey, black spider | ASL, CHC, HAT, RID, TAR |
| <i>Ateles variegatus</i> | Monkey, black variegated spider | CHC, HAT, JEJ, REP, TAR |
| <i>Ateles</i> sp. | | HAT, PRM, SHA, TRE, ZOO |
| <i>Cacajao rubicondus</i> | Uakari, red | CHC, FRE, INT |
| <i>Cacajao</i> sp. | | ZOO |
| <i>Callicebus</i> sp. | Monkey, titi | CHC, HAT, INT, JEJ |
| <i>Callimico goeldi</i> | Marmoset, Goeldi's | CHC, PEW, RID |
| <i>Cebus aequatoriales</i> | Monkey, brown capuchin | CHC, HAT |
| <i>Cebus albifrons</i> | Monkey, cinnamon ringtail | ASI, CHC, FRE, HAT, INT, PEW, PRM, REP, RID, SHA, TAR, WHI |
| <i>Cebus apella</i> | Monkey, capuchin | ASL, CHC, HAT, INT, JEJ, PRM, RID, SHA, TAR, WHI |
| <i>Cebus capucinus</i> | Monkey, white-faced capuchin | ASL, CHC, HAT, INT, PRM, REP |
| <i>Cebus fatuellus</i> | Monkey, Brazilian capuchin | CHC, HAT, REP |
| <i>Cebus</i> sp. | | FRE, HAT, RID, TRE, WHI, ZOO |
| <i>Chiropotes satanus</i> | Saki, black-bearded | HAT |
| <i>Lagothrix lagotricha</i> | Monkey, woolly | ASL, CHC, FRE, HAT, INT, PRM, REP, SHA, TAR, TRE, WHI |
| <i>Lagothrix</i> sp. | | ZOO |
| <i>Pithecia monachus</i> | Monkey, Silver saki | CHC, TAR |
| <i>Pithecia</i> sp. | Saki | FRE, INT |
| <i>Saimiri sciurea</i> | Monkey, squirrel | ASL, CHC, FRE, HAT, INT, JEJ, PEW, PRM, RED, REP, RID, SHA, SMI, TAR, TRE, WAY, WHI, ZOO |
| Monkeys, African, not designated | | EST |

(Callithricidae)

| | | |
|-----------------------------|-----------------------|---|
| <i>Callithrix aurita</i> | Marmoset, white-eared | CHC, FRE |
| <i>Callithrix</i> sp. | Marmoset | FRE, HAT, JEJ, PRM, REP, SHA, SMI, TRE |
| <i>Cebuella penicillata</i> | Marmoset, black-eared | FRE |
| <i>Cebuella pygmae</i> | Marmoset, pygmy | ASL, CHC, HAT, INT, PEW, REP, RID, TAR, WHI |
| <i>Hapale chryssoleucus</i> | Marmoset, silky | RID |

(Callithricidae) Continued

| Species | Common Name | Code |
|--------------------------------|---------------------------|---|
| <i>Hapale jacchus</i> | Marmoset, common | RID |
| <i>Hapale penicillata</i> | Marmoset, black-plumed | RID |
| <i>Leontideus rosalia</i> | Marmoset, golden | FRE |
| <i>Leontocebus leucopus</i> | Tamarin, white-footed | TAR |
| <i>Leontocebus napo</i> | Tamarin, red-mantled | CHC, TAR |
| <i>Leontocebus nigricollis</i> | Tamarin, black and red | ASI, CHC, HAT |
| <i>Leontocebus rosalia</i> | Tamarin, golden lion | HAT, INT |
| <i>Leontocebus sp.</i> | | HAT, PRM |
| <i>Mico argentata</i> | Marmoset, silver | RID |
| <i>Oedipomidas oedipus</i> | Pinche, cottontop | ASI, CHC, HAT, INT, PEW, SHA, TAR, WHI |
| <i>Oedipomidas spixi</i> | Pinche, Spix's | CHC, RID |
| <i>Tamirinus illigeri</i> | Tamarin, red-mantled | PEW |
| <i>Tamarinus mystax</i> | Tamarin, white-moustached | TAR |
| <i>Tamarinus nigricollis</i> | Tamarin, moustached | HAT, INT, TAR |
| <i>Tamarinus sp.</i> | | HAT |

(Cercopithecidae)

| | | |
|--|--|--|
| <i>Cercocebus albigena</i> | Mangabey, crested | ASI, HAT, RID |
| <i>Cercocebus fuliginosus</i> | Mangabey, sooty | CHC, FRE, HAT, RID, SHA, WHI |
| <i>Cercocebus torquatus</i> | Mangabey, red-capped | CHC, RID |
| <i>Cercocebus sp.</i> | Mangabey | HAT, PRM, TRE, VAN |
| <i>Cercopithecus aethiops</i> | Guenon | ASI, CHC, HAT, INT, PRM, SHA, VAN, ZEE |
| <i>Cercopithecus albicularis</i> | Monkey, Syke's | CHC, HAT, INT, RID, SHA |
| <i>Cercopithecus ascanius</i> | Guenon, black-cheeked and white-nosed | RID, VAN |
| <i>Cercopithecus ascanius schmidti</i> | Spot nose | INT |
| <i>Cercopithecus cephus</i> | Monkey, moustached | HAT, RID |
| <i>Cercopithecus diana</i> | Monkey, diana | CHC, HAT, RID |
| <i>Cercopithecus diana roloway</i> | Monkey, diana Roloway's | RID |
| <i>Cercopithecus hamlyni</i> | Guenon, Hamlyn's | RID |
| <i>Cercopithecus mona</i> | Monkey, mona | CHC, HAT, RID, SHA |
| <i>Cercopithecus neglectus</i> | Monkey, DeBrazza | INT, RID |
| <i>Cercopithecus nictitans</i> | Guenon, spot-nosed | ASI, HAT, RID |
| <i>Cercopithecus petaurista</i> | Guenon, spot-nosed lesser | RID |
| <i>Cercopithecus pygerythrus</i> | Monkey, vervet | HAT, INT, JEJ, PRM, RID |
| <i>Cercopithecus sabaeus</i> | Monkey, green | BUC, CHC, FRE, HAT, PRM, RED, RID, SHA |
| <i>Cercopithecus slateri</i> | Guenon, Slater's | RID |
| <i>Colobus abyssinicus matschiei</i> | Guereza, Mt. Elgen | INT |
| <i>Colobus badius</i> | Colobus, black and red | RID |
| <i>Colobus polykomos</i> | Colobus, black and white | RID |
| <i>Comopithecus hamadryas</i> | Baboon, hamadryas | BUC, CHC, FRE, HAT, INT, PRM, RID, SHA, TRE, VAN |
| <i>Erythrocebus patas</i> | Monkey, patas | ASI, CHC, FRE, HAT, INT, JEJ, PRM, RID, SHA, TRE, VAN |
| <i>Macaca fuscata</i> | Monkey, Japanese | JEJ |
| <i>Macaca irus</i> | Monkey, cynamolgus | ASI, CHC, HAT, INT, JEJ, PRM, SHA, VAN, WAY |
| <i>Macaca mulatta</i> | Monkey, rhesus | ALI, ASI, CHC, EVE, FRE, HAT, INT, JEJ, MAZ, PEW, PRM, RED, RID, SHA, TRE, VAN, VIT, WAY, ZEE |

(Cercopithecidæ) Continued

| Species | Common Name | Code |
|--------------------------------|---------------------|---|
| <i>Macaca nemestrina</i> | Monkey, pigtail | ASI, CHC, EVE, FRE, HAT, INT, JEJ, PEW, PRM, RID, SHA, WAY, ZEE |
| <i>Macaca silene</i> | Wanderoo | RID |
| <i>Macaca speciosus</i> | Monkey, stumptail | ASI, CHC, FRE, HAT, INT, JEJ, PEW, PRM, REP, RID, VAN, WAY |
| <i>Macaca zati</i> | Monkey, bonneted | ASI, HAT, INT, PRM, RID, VIT, ZEE |
| <i>Magus maurus</i> | Moor | RID |
| <i>Mandrillus leucophaeus</i> | Baboon, drill | RID |
| <i>Mandrillus sphinx</i> | Mandrill | CHC, FRE, RID |
| <i>Mandrillus sp.</i> | Mandrill | TRE |
| <i>Miopithecus talapoin</i> | Talapoin | CHC, RID |
| <i>Papio anubis</i> | Baboon, "Guinea" | CHC, HAT, INT, PRM, RID, TRE, VAN, ZEE |
| <i>Papio comatus</i> | Baboon, Chacma | RID, VAN |
| <i>Papio cynocephalus</i> | Baboon, yellow | ASI, HAT, PRM, RID, VAN |
| <i>Papio doguera</i> | Baboon, anubis | ASI, HAT, JEJ, RID, VAN |
| <i>Papio papio</i> | Baboon, olive | ASI, HAT, PRM, SHA, VAN |
| <i>Papio sp.</i> | Baboon | HAT, VAN |
| <i>Presbytis sp.</i> | Langur | INT, RID |
| <i>Semnopithecus entellus</i> | Langur, sacred | PRM |
| <i>Semnopithecus sp.</i> | Langur | ASI, CHC, FRE |
| <i>Theropithecus gelada</i> | Baboon, gelada | BUC, CHC, INT, PRM, RID |
| <i>Trachypithecus obscurus</i> | Leaf-monkey, dusky | ASI |
| <i>Trachypithecus pileatus</i> | Leaf-monkey, capped | ASI |

(Pongidae)

| | | |
|--------------------------------|------------------------|-----------------------------------|
| <i>Gorilla beringei</i> | Gorilla, mountain | VAN |
| <i>Gorilla gorilla</i> | Gorilla, lowland | FRE, VAN |
| <i>Gorilla sp.</i> | Gorilla | RID, TRE, VAN, ZEE |
| <i>Hylobates agilis</i> | Gibbon, agile | ASI, VAN |
| <i>Hylobates lar</i> | Gibbon, lar | ASI, RID, VAN |
| <i>Hylobates moloch</i> | Wow-wow | INT |
| <i>Hylobates sp.</i> | Gibbon | CHC, HAT, PRM, RID, TRE, VAN, ZEE |
| <i>Pan satyrus</i> | Chimpanzee | CHC, INT, VAN, ZEE |
| <i>Pan troglodytes</i> | Chimpanzee | VAN |
| <i>Pan sp.</i> | Chimpanzee | ASI, HAT, JEJ, PRM, RID, TRE, VAN |
| <i>Pongo pygmaeus</i> | Orangutang | VAN |
| <i>Pongo sp.</i> | | TRE |
| <i>Sympalangus syndactylus</i> | Siamang | CHC, INT, RID, TRE |
| | Gibbon, not designated | FRE |

(Other Primates)

| | |
|-----------------|----------|
| Not designated: | |
| Monkey | STE, ZEE |
| Monkey, African | EST |
| Monkey, Java | FRE |
| Primate | VAN, WAY |

Edentata

| Species | Common Name | Code |
|--------------------------------|-------------------|---------------------------------|
| <i>Bradypus</i> sp. | Sloth, three-toed | CHC, MAZ |
| <i>Choloepus didactylus</i> | Sloth, two-toed | CHC, MAZ, TAR |
| <i>Dasyurus novemcinctus</i> | Armadillo | CHC, LOK, RID, SMI, TAR, ZOO |
| <i>Echidna aculeata</i> | Anteater, spiny | ZEE |
| <i>Myrmecophaga tridactyla</i> | Anteater, giant | CHC, FRE, RID, TAR, ZOO |
| <i>Tamandua tetradactyla</i> | Anteater, lesser | CHC, TAR, ZOO |

Pholidota

| | | |
|---------------------------|-----------------|--------------------|
| <i>Manis tetradactyla</i> | Pangolin | CHC, TRE, ZEE, ZOO |
| <i>Manis</i> sp. | Pangolin, Asian | RID |

Lagomorpha

| | | |
|------------------------------|-----------------------|----------|
| <i>Lepus californicus</i> | Jack "rabbit" | MAZ, RID |
| <i>Oryctolagus cuniculus</i> | Rabbit, see pages 4-6 | |
| <i>Sylvilagus</i> sp. | Rabbit, cottontail | RID |

Rodentia

| | | |
|----------------------------------|---------------------------------|--------------------------------------|
| <i>Acomys</i> sp. | Mouse, spiny | MAZ, WHI |
| <i>Atherurus africanus</i> | Porcupine, brush-tailed | RID |
| <i>Castor canadensis</i> | Beaver | RID |
| <i>Cavia porcellus</i> | Guinea pig, see page 18-19 | |
| <i>Chinchilla laniger</i> | Chinchilla, South American | RID |
| <i>Citellus harrisii</i> | Squirrel, antelope ground | CHC, PET, RID |
| <i>Citellus lateralis</i> | Squirrel, golden-mantled ground | PET, RID, ZOO |
| <i>Citellus tereticaudus</i> | Squirrel, roundtail ground | CHC, PET, RID, WHI |
| <i>Citellus tridecemlineatus</i> | Squirrel, 13-lined ground | CHC, RID, WHI |
| <i>Citellus variegatus</i> | Squirrel, rock | PET, RID, WHI |
| <i>Citellus</i> sp. | Squirrel, ground | MAX, RID |
| <i>Clethrionomys</i> sp. | Mouse, red-backed | WHI |
| <i>Coendou prehensilis</i> | Porcupine, prehensile-tailed | CHC, MAZ, TAR |
| <i>Cricetus griseus</i> | Hamster, Chinese | WHI |
| <i>Cuniculus</i> pace | Paca | CHC, FRE, MAZ, RID, TAR |
| <i>Cynomys ludovicianus</i> | Prairie dog, plains | RID |
| <i>Cynomys</i> sp. | Prairie dog | CHC, LOK, ZOO |
| <i>Dasyprocta aguti</i> | Agouti, golden | CHC, LOK, TAR |
| <i>Dasyprocta fuliginosa</i> | Agouti, common | CHC, LOK, MAZ, RID, TAR, TRE |
| <i>Dasyprocta</i> sp. | Agouti | FRE |
| <i>Dipodomys merriami</i> | Rat, Merriam's kangaroo | PET |
| <i>Dipodomys spectabilis</i> | Rat, bannertail kangaroo | PET |
| <i>Dipodomys</i> sp. | Rat, kangaroo | MAZ, PEW, WHI, ZOO |
| <i>Dipus</i> sp. | Jerboa | RID, ZOO |
| <i>Dolichotis patagona</i> | Cavy, Patagonian | RID |
| <i>Erethizon dorsatum</i> | Porcupine, North American | RJD, ZOO |
| <i>Eutamias dorsalis</i> | Chipmunk, cliff | MAZ, PET |
| <i>Gerbillus gerbillus</i> | Gerbil | RID |
| <i>Glaucomys sabrinus</i> | Squirrel, Richardson flying | WHI |
| <i>Glaucomys volans</i> | Squirrel, eastern flying | CHC, MAZ, PEW, SMI, TAR, WHI, ZOO |
| <i>Golunda elliotti</i> | Rat, Indian bush | CHC |
| <i>Hydrochoerus capybara</i> | Capybara | CHC, LOK, RID, TAR, ZOO |
| <i>Hystrix</i> sp. | Porcupine, African crested | CHC, RID |

Rodentia Continued-

| Species | Common Name | Code |
|---------------------------------|---|---|
| <i>Marmota monax</i> | Woodchuck, or marmot | RID, WHI, ZOO |
| <i>Meriones unguiculatus</i> | Gerbil, Mongolian | BEL, CHI, DEN, PUR, TUM, WHI, WIN, ZOO |
| <i>Meriones</i> sp. | Jird | RID |
| <i>Mesocricetus auratus</i> | Hamster, golden (or Syrian golden), see page 16-18 | |
| <i>Microtus pennsylvanicus</i> | Vole, meadow | WHI |
| <i>Mus musculus</i> | Laboratory mouse, see pages 6-14 | |
| <i>Myocaster coypus</i> | Nutria | CHC, MAZ, RID |
| <i>Myoprocta</i> sp. | Agouti, tailed | CHC, TAR |
| <i>Neotoma albignula</i> | Rat, white-throated pack | PET |
| <i>Neotoma lepida</i> | Rat, desert pack | MAZ |
| <i>Ondatra zibethica</i> | Muskrat | LEM, MAZ, RID |
| <i>Onychomys torridus</i> | Mouse, grasshopper | PET, WHI |
| <i>Oryzomys palustris</i> | Rat, rice | WHI |
| <i>Perognathus amplus</i> | Pocket mouse, Arizona | PET |
| <i>Perognathus baileyi</i> | Pocket mouse, Bailey's | PET |
| <i>Perognathus flavus</i> | Pocket mouse, silky | PET |
| <i>Perognathus penicillatus</i> | Pocket mouse, desert | PET, WHI |
| <i>Peromyscus boylii</i> | Mouse, brush | PET |
| <i>Peromyscus eremicus</i> | Mouse, cactus | PET |
| <i>Peromyscus leucopus</i> | Mouse, white-footed | WHI |
| <i>Peromyscus maniculatus</i> | Mouse, deer | MAZ, PET |
| <i>Peromyscus</i> sp. | Mouse, deer | WHI |
| <i>Pitymys melanotomus</i> | Mouse, pine | WHI |
| <i>Rattus norvegicus</i> | Laboratory rat, see pages 14-16 | |
| <i>Sciurus carolinensis</i> | Squirrel, cat | TAR |
| <i>Sciurus niger</i> | Squirrel, fox | MAZ, WHI |
| <i>Sciurus variegatus</i> | Squirrel, red | TAR, WHI |
| <i>Sciurus</i> sp. | Squirrel | MAZ, WHI |
| <i>Sigmodon hispidus</i> | Rat, cotton | PET, TUM, WHI |
| <i>Tamias striatus</i> | Chipmunk, eastern antelope | WHI |
| <i>Tamias</i> sp. | | WHL, ZOO |
| | Mouse, not designated: | |
| | Canyon, English, English waltzing | WHI |
| | Hairless | WHI |
| | House (agouti), Japanese waltzing, permanent wave, Rex coated, two-tone, woolly | WHI |
| | Wild | RID |
| | Wild rats, not designated | RID, SMI |

Cetacea

| | | |
|----------------------------|---------|-----|
| <i>Coryphaena hippurus</i> | Dolphin | HAN |
|----------------------------|---------|-----|

Carnivora

| | | |
|----------------------------|----------------------|---------------|
| <i>Acinonyx jubatus</i> | Cheetah | RID, TRE, ZOO |
| <i>Ailurus fulgens</i> | Panda, lesser | FRE |
| <i>Alopex lagopus</i> | Fox, Arctic | RID |
| <i>Arctonyx collaris</i> | Hog-badger | RID |
| <i>Arctictis binturong</i> | Binturong | FRE, RID |
| <i>Bassaricyon</i> sp. | Olingo | CHC, TAR |
| <i>Canis adustus</i> | Jackal, side-striped | RID |
| <i>Canis aureus</i> | Jackal, Asiatic | RID |

Carnivora Continued

| Species | Common Name | Code |
|------------------------------------|-------------------------------------|---|
| <i>Canis dingo</i> | Dingo | LOK, RID |
| <i>Canis latrans</i> | Coyote | HAL, MAZ, RID, ZOO |
| <i>Canis lupus</i> | Wolf, grey or timber Wolf, maned | RID, ZOO RID |
| <i>Chrysocyon brachyurus</i> | | |
| <i>Crocuta crocuta</i> | Hyena, spotted | RID |
| <i>Euarctos americanus</i> | Bear, American black | RID |
| <i>Felis bieti</i> | Cat, desert | RID |
| <i>Felis bengalensis</i> | Cat, leopard | RID |
| <i>Felis concolor</i> | Cougar, mountain lion and puma | CHC, FRE, RID, TAR, ZOO |
| <i>Felis geoffroyi</i> | Cat, Geoffroy's | RID |
| <i>Felis libycus</i> | Cat, African wild | RID |
| <i>Felis nigripes</i> | Cat, African black-footed | RID |
| <i>Felis onca</i> | Jaguar | CHC, RID, TAR |
| <i>Felis pajeros</i> | Cat, pampas | RID |
| <i>Felis pardalis</i> | Ocelot | CHC, RID, TAR, ZOO |
| <i>Felis serval</i> | Serval | RID |
| <i>Felis silvestris</i> | Wildcat | CHC, MAZ |
| <i>Felis temminckii</i> | Cat, golden | RID |
| <i>Felis tigris</i> | Tiger | CHC, FRE, RID, TRE |
| <i>Felis tigris longipilis</i> | Tiger, Siberian | FRE |
| <i>Felis viverrina</i> | Cat, fishing | RID |
| <i>Felis wiedii</i> | Cat, margay | RID |
| <i>Fennecus zerda</i> | Fox, fennec | RID |
| <i>Grison sp.</i> | Grison | CHC, FRE, TAR |
| <i>Gulo gulo</i> | Wolverine | FRE, RID |
| <i>Helarctos malayanus</i> | Bear, Malayan sun | RID |
| <i>Herpailurus yagourondi</i> | Jaguarondi | CHC, RID, TAR |
| <i>Herpestes mungo</i> | Mongoose | MAQ |
| <i>Hyaena brunnea</i> | Hyena, brown | RID |
| <i>Hyaena hyaena</i> | Hyena, striped | RID |
| <i>Lynx sp.</i> | Lynx | CHC, FRE, RID, TRE, ZOO |
| <i>Lutra canadensis</i> | Otter, Canadian | ZOO |
| <i>Lutra sp.</i> | Otter | CHC, TAR, TRE |
| <i>Lycaon pictus</i> | Hunting dog, African or Cape | FRE |
| <i>Lynx canadensis</i> | Lynx, Canadian | RID |
| <i>Lynx caracal</i> | Lynx, caracal | RID |
| <i>Lynx lynx</i> | Lynx, Siberian | FRE |
| <i>Lynx rufus</i> | Bobcat | RID |
| <i>Meles meles</i> | Badger, Old World | RID |
| <i>Mellivora capensis</i> | Ratel or honey badger | FRE, RID |
| <i>Melursus ursinus</i> | Bear, sloth | RID |
| <i>Mephitis mephitis</i> | Skunk | CHC, HAL, LOK, MAZ, RID, TAR, WHI, ZOO |
| <i>Mustela furo</i> | Ferret | HAL, MAS, MAZ, RID |
| <i>Mustela vison</i> | Mink | MAZ |
| <i>Mustela sp.</i> | Weasel | MAZ, WHI |
| <i>Nasua harica</i> | Coatimundi, gray | CHC, LOK, MAZ, RID, TAR |
| <i>Nasua nasua</i> | Coatimundi, red | CHC, FRE, LOK, MAZ, RID, TAR |
| <i>Nasua sp.</i> | Coatimundi | ZOO |
| <i>Neofelis nebulosa</i> | Leopard, clouded | RID |
| <i>Noctifelis sp.</i> | Margay | CHC |
| <i>Nyctereutes procyonoides</i> | Dog, Japanese raccoon | RID |
| <i>Odobenus rosmarus divergens</i> | Walrus | FRE |
| <i>Otario byronia</i> | Sea lion, South American maned | RID |
| <i>Otocyon megalotis</i> | Fox, African big-eared | RID |
| <i>Panthera pardus</i> | Leopard, African | FRE, RID |
| <i>Panthera sp.</i> | Leopard | CHC, RID, TRE |

Carnivora Continued

| Species | Common Name | Code |
|-------------------------------|----------------------|--|
| <i>Potos flavus</i> | Kinkajou | CHC, FRE, LOK, MAZ, TAR |
| <i>Procyon lotor</i> | Raccoon | CHC, DEN, HAI, LEM, LOK, MAZ, RID, SMI, TAR, ZOO |
| <i>Proteles cristatus</i> | Aardwolf | RID |
| <i>Pteronura brasiliensis</i> | Otter, giant | FRE |
| <i>Selenarctos thibetanus</i> | Bear, Asiatic black | RID |
| <i>Speothos venaticus</i> | Bush dog | CHC, TAR |
| <i>Spilogale ambarvalis</i> | Civet cat | MAZ |
| <i>Spilogale putorius</i> | Skunk, spotted | CHC, MAZ, RID, WHI, ZOO |
| <i>Taxidea sp.</i> | Badger, American | CHC, FRE, RID, ZOO |
| <i>Tayra barbara</i> | Tayra | CHC, RID, TAR, ZOO |
| <i>Thalarctos maritimus</i> | Bear, polar | RID |
| <i>Tremarctos ornatus</i> | Bear, spectacled | RID |
| <i>Uncia uncia</i> | Leopard, snow | RID |
| <i>Urocyon sp.</i> | Fox, gray | CHC, HAI, MAZ, RID, TAR |
| <i>Ursus arctos</i> | Bear, Alaskan brown | RID |
| <i>Vulpes fulva</i> | Fox, red | CHC, HAI, MAZ, RID, TAR |
| <i>Vulpes pallidus</i> | Fox, pale | CHC, FRE |
| <i>Vulpes velox</i> | Fox, kit | RID |
| <i>Zalophus californianus</i> | Sea lion, California | FRE, RID |
| Zoo animals, not designated | | VAN |

Tubulidentata

| | | |
|-------------------------|----------|--------------------|
| <i>Orycteropus afer</i> | Aardvark | CHC, FRE, RID, ZEE |
|-------------------------|----------|--------------------|

Proboscidae

| | | |
|---------------------------|-----------------------------|-----|
| <i>Elephas maximus</i> | Elephant, Asiatic or Indian | FRE |
| <i>Loxodonta africana</i> | Elephant, African | FRE |

Hyracidae

| | | |
|-----------------------------|-------------|-----|
| <i>Heterohyrax syriacus</i> | Hyrax, rock | RID |
| <i>Hyrax capensis</i> | Hyrax | CHC |

Perissodactyla

| | | |
|--------------------------------|------------------------------------|--------------------|
| <i>Ceratotherium simum</i> | Rhinoceros, white or square-lipped | FRE |
| <i>Diceros bicornis</i> | Rhinoceros, African black | FRE |
| <i>Equus burchelli</i> | Zebra, Grant's | FRE |
| <i>Equus grevyi</i> | Zebra, Grevy's | FRE |
| <i>Equus zebra</i> | Zebra, mountain | FRE |
| <i>Tapirus bairdii</i> | Tapir, Baird's | RID |
| <i>Tapirus indicus</i> | Tapir, Malayan | RID |
| <i>Tapirus roulini</i> | Tapir, woolly | RID |
| <i>Tapirus terrestris</i> | Tapir | CHC, RID, TAR, TRE |
| <i>Tapirus sp.</i> | Tapir | FRE |
| Donkey, pygmy, not designated | | FRE |
| Horses, not designated | | CLA, HIL, REA |
| Ponies, not designated | | BAR, OAC |
| Zebras, Damara, not designated | | FRE |

Artiodactyla

| Species | Common Name | Code |
|------------------------------|-----------------------|---------------|
| <i>Ammotragus lervia</i> | Sheep, aoudad | RID |
| <i>Antilocapra americana</i> | Antelope, pronghorn | RID |
| <i>Auchenia glama</i> | Llama, South American | RID |
| <i>Antilope cervicapra</i> | Blackbuck | CHC, RID |
| <i>Axis axis</i> | Deer, axis | RID |
| <i>Bison bison</i> | Bison, American | RID |
| <i>Bos grunniens</i> | Yak | FRE, RID |
| <i>Camelus dromedarius</i> | Camel | FRE, RID |
| <i>Cervus canadensis</i> | Elk, American | RID |
| <i>Choeropsis liberianus</i> | Hippopotamus, pygmy | RID |
| <i>Dama dama</i> | Deer, fallow | FRE |
| <i>Dama sp.</i> | Deer, fallow | RID |
| <i>Lama glama</i> | Llama | CHC |
| <i>Lama huanca</i> | Guanaco | CHC, FRE, RID |
| <i>Mazama americana</i> | Deer, brocket | RID |
| <i>Odocoileus hemionus</i> | Deer, mule | RID |
| <i>Ovis musimon</i> | Sheep, mouflon | RID |
| <i>Ovis tragelaphus</i> | Aoudad | CHC |
| <i>Sika sp.</i> | Deer, sika | RID |
| <i>Tayassu sp.</i> | Peccary | LOK, RID, ZOO |
| Not designated: | | |
| Hog, African Guinea | | CAO |
| Buffalo, Male Congo | | FRE |
| Deer, Costa Rican | | FRE |
| Goat, pygmy | | CHC |

Other Mammals

| | |
|----------------|----------|
| Not designated | TRE, VAN |
|----------------|----------|

III

**TISSUES AND
FLUIDS**

TISSUES AND FLUIDS

Pituitary and other glands from 34 species of marine life.

HAN

Serum: Available from 21 inbred strains and 6 hybrids (mice). Serum prepared from pooled blood collected by terminal bleeding of a particular strain of mice.

Whole Blood: Available from 21 inbred strains and 6 hybrids (mice). All requests processed to order.

Fresh Frozen Organs from Inbred Strains of Mice: Organs collected from exsanguinated, healthy, mature mice of various ages, refrigerated during collection, and immediately frozen to -30°F. All requests processed to order. Details on above on request.

JAX

Tissues from cows and sheep.

LEM

Embryos, blood, body fluids, glands (thymus, adrenal, mammary, etc.), eyes, brains, liver, spleen, hide, joints, horns of: bovine, sheep, horses, goats, and calves (except embryos). All parts and blood of turkeys, chickens, rabbits.

M42

Tissues from rabbits, guinea pigs, hamsters, mice, rats, cats, dogs, chickens, monkeys, frogs, and turtles. Sterile and nonsterile rabbit serums. Over 700 items.

PEL

Tissues of various mammalian forms in special fixatives.

WIC

IV

**LABORATORY ANIMAL
EQUIPMENT AND
MATERIALS**

MANUFACTURERS OF LABORATORY ANIMAL FEED

| | |
|---------------|---|
| Cats | AOW, ALL, ANF, ATO, CAE, CHF, FIF, GEK, GEP, HD, NUT, OLM, QUA, RAL, TEK, THV |
| Dogs | AOW, ALL, ANF, ATO, CAE, CHF, ESH, FIF, GEK, GEN, GEP, HAM, HD, MUR, NUM, NUT, OLM, PRL, QUA, RAL, SHF, STR, TEK, THV, WIR |
| Guinea Pigs | AOW, ALL, ANF, CAE, CAM, CHF, ESH, FIF, GEK, GEP, HEM, NUT, PRL, RAL, SKL, TEK |
| Hamsters | AOW, ALL, ANF, CAE, CHF, FIF, GEK, GEP, MOY, NUT, OLM, RAL, TEK |
| Mice | AOW, ALL, ANF, CAE, CAM, CHF, FIF, GEK, GEP, HEM, MOY, NUT, OLM, PRL, RAL, STR, TEK |
| Poultry | ALL, ANF, CHF, ESH, FIF, GEK, HAM, MUR, NUM, NUT, OLM, PRL, RAL, SHF, SKL, WIR |
| Primates | AOW, ALL, ANF, CAE, CHF, FIF, GEK, NUT, OLM, PRL, RAL, STR, TEK |
| Rabbits | AOW, ALL, ANF, CAE, CAM, CHF, ESH, FIF, GEK, GEP, HEM, MUR, NUM, NUT, RAL, SHF, TEK, WIR |
| Rats | AOW, ALL, ANF, CAE, CAM, CHF, FIF, GEK, GEP, HEM, MOY, NUT, OLM, PRL, RAL, SKL, STR, TEK |
| Other Animals | Beaver—OLM; Cattle—RAL; Domestic animals (all)—GEK; Farm animals (all)—ESH; Fish—BIO; Fur-bearing animals (all)—GEK; Goats—ANF; Goldfish—AQU; Horses—ANF; Pigs—ANF; Sheep—RAL; Tropical fish—AQU; Turtles—AQU; Zoo animals—RAL. |
| Special Diets | Experimental diets—THE; Low-calorie diets for rodents and dogs—OLM; Salt-free diets for rodents—OLM; Soy and protein diets for poultry—SKL; Test diets—GEK |

MANUFACTURERS OF LABORATORY ANIMAL EQUIPMENT—WASHING MACHINES

| | | |
|--------------|---------|--|
| ANIMAL CAGE | Rotary | ALC, ALV, BEY, INC, IND, PER, PRP, RAM, SOU, WRI |
| | Tunnel | ALC, ALV, BEY, FOR, FIR, INC, IND, PER, RAM, SOU, SPC, WRI |
| | Cabinet | ALC, ALV, BEY, FOR, GIR, HEL, INC, IND, PER, PRP, RAM, SOU, SPC, WRI |
| | Other | Conveyor indexing—SOU; One- and two-door pass-through—BEY; Oscillating—GIR; Walk-in with bacteriological cleaning equipment—BEY |
| RACK | Rotary | ALC, BEY, FOR, IND, PER, RAM |
| | Tunnel | ALC, ALV, BEY, GIR, INC, IND, PER, RAM, SOU, SPC, WRI |
| | Cabinet | ALC, ALV, BEY, FOR, GIR, HEL, INC, IND, PER, RAM, SOU, SPC, WRI |
| | Other | Booth (walk-in)—SOU; Conveyorized rack and cabinet—ALV; One- or two-door pass-through—BEY; Oscillating—GIR; Ultrasonic—ALC, BLC, WIE |
| WATER BOTTLE | Rotary | ALC, ALV, BEY, FOR, IND, PER, RAM, SOU |
| | Tunnel | ALV, BEY, GIR, IND, RAM, SOU, SPC, WRI |
| | Cabinet | ALV, BEY, GIR, HEL, IND, PER, RAM, SOU, SPC, WRI |
| | Other | Ultrasonic—ALC, BLC, SOU, WIE |

MANUFACTURERS OF LABORATORY ANIMAL CAGES

| Animal | Stainless Steel | Galvanized Metal |
|-------------|--|---|
| Mice | ABC, ACM, ALO, AME, AMG, AMI, ANM, ANQ, AQU, ATM, BAQ, BIS, CAE, COC, COM, DIA, FOF, GRE, HAH, HAO, HER, HOE, KEY, LAC, LAF, LEH, LEN, MET, PER, POR, REY, SCK, SIR, SPC, UNL, UNQ, VOL, WAH, WAL, WYI | ABC, ACM, ALO, AME, AMG, ANN, ANQ, APC, BAQ, BIS, CAE, CEN, COC, COM, DIA, FIS, FOF, GRE, HAH, HAO, HER, HOE, KET, KEY, LAB, LAF, LEN, MET, PER, POR, PRV, SCK, SIR, UNL, UNQ, WAH, WAL, WOC, WYI |
| Rats | ABC, ACM, ALO, AME, AMG, ANM, ANQ, ATM, BAQ, BIS, CAE, COC, COM, FOF, GRE, HAH, HAO, HER, HOE, KEY, LAC, LAF, LEH, LEN, MET, NUC, PER, POR, REU, REY, SCK, SIR, SPC, UNI, UNQ, VOL, WAH, WAL, WYI | ABC, ACM, ALO, AME, AMG, ANM, ANQ, BAQ, BIS, CAE, CEN, COC, COM, FIS, FOF, GRE, HAH, HAO, HER, HOE, KET, KEY, LAB, LAF, LEN, MET, PER, POR, REU, SCK, SIR, UNL, UNQ, WAH, WAL, WOC, WYI |
| Guinea Pigs | ABC, ACM, ALO, AME, AMG, AMO, ANM, ANQ, ATM, BAQ, BIS, CAE, COC, COM, FOF, GRE, HAH, HAO, HER, HOE, KEY, LAC, LAF, LEH, LEN, MET, NUC, PER, POR, REU, REY, SCK, SIR, SPC, UNI, UNQ, VOL, WAH, WAL, WYI | ABC, ACM, ALO, AME, AMG, AMO, ANM, ANQ, BAQ, BIS, CAE, CEN, COC, COM, FIS, FOF, GRE, HAH, HAO, HER, HOE, KET, KEY, LAB, LAF, LEN, MET, PER, POR, REU, SCK, SIR, UNL, UNQ, WAH, WAL, WYI |
| Hamsters | ABC, ACM, ALO, AME, AMG, ANM, ANQ, AQU, ATM, BAQ, BIS, CAE, COC, COM, FOF, GRE, HAH, HAO, HER, HOE, KEY, LAC, LAF, LEH, LEN, MET, PER, POR, SCK, SIR, SPC, UNL, UNQ, VOL, WAH, WAL, WYI | ABC, ACM, ALO, AME, AMG, ANM, ANQ, APC, BAQ, BIS, CAE, CEN, COC, COM, FIS, FOF, GRE, HAH, HAO, HER, HOE, KET, KEY, LAB, LAF, LEN, MET, PER, POR, SCK, SIR, UNL, UNQ, WAH, WAL, WOC, WYI |
| Rabbits | ABC, ACM, ALO, AME, AMG, AMO, ANM, ANQ, ATM, BAQ, BIS, CAE, COC, COM, FOF, GRE, HAH, HAO, HER, HOE, KEY, LAC, LAF, LEH, LEN, MET, PER, POR, REU, SCK, SIR, SPC, UNL, UNQ, VOL, WAH, WYI | ABC, ACM, ALO, AME, AMG, AMO, ANM, ANQ, BAQ, BUK, BIS, CAE, COC, COM, FIS, FOF, GRE, HAH, HAO, HER, HOE, KET, KEY, LAB, LAF, LEN, MET, PER, POR, REU, SCK, SIR, UNL, UNQ, WAH, WYI |
| Dogs | ABC, ACM, ALJ, ALO, AME, AMG, ANM, ANQ, ATM, BAQ, BIS, CAE, COC, COM, EVS, FOF, GEP, GRE, HAH, HAO, HER, HOE, KEY, LAC, LAF, LEH, LEN, MET, PER, POR, PRV, SCK, SIR, SPC, UNL, UNQ, VOL, WAH, WYI | ABC, ACM, ALJ, ALO, AME, AMG, AMO, ANM, ANQ, BAQ, BUK, BIS, CAE, COC, COM, EVS, FOF, GEP, GRE, HAH, HAO, HER, HOE, KET, KEY, LAB, LAF, LEN, MET, PER, POR, PRV, SCK, SIR, UNL, UNQ, WAH, WYI |
| Cats | ABC, ACM, ALJ, ALO, AME, AMG, ANM, ANQ, ATM, BAQ, BIS, CAE, COC, COM, EVS, FOF, GRE, HAH, HAO, HER, HOE, KEY, LAC, LAF, LEH, LEN, MET, PER, POR, PRV, SCK, SIR, SPC, UNL, UNQ, VOL, WAH, WYI | ABC, ACM, ALJ, ALO, AME, AMG, AMO, ANM, ANQ, BAQ, BUK, BIS, CAE, COC, COM, EVS, FIS, FOF, GRE, HAH, HAO, HER, HOE, KET, KEY, LAB, LAF, LEN, MET, PER, POR, PRV, SCK, SIR, UNL, UNQ, WAH, WYI |

| Aluminum | Plastic | Glass | Other Material |
|--|---|-----------------------|--|
| ABC, ACM, AME, ATM, BAQ, CAE, CEN, COM, DIE, FOF, HAO, HOE, KEY, LAC, LEH, LEN, MET, REY, UNI, UNO, WYI | ABC, AME, ANQ, AQU, CAP, COC, COS, DIE, FIR, HAO, HOP, KEY, LAB, LEH, MBS, MDM, MED, PAT, PER, REY, UNL, UNO, WID | APC, APP, DEL, STA | Chrome-plated-LAB; Cold rolled steel -MDM-(wire)-UNI; Corrugated board- LOW; Electroplated steel-ANM; Electro- polished-UNI; Fiberglas-HAO, RUG, UNO; Magnesium-LEN, MET; Painted wire and steel-UNI; Stainless steel wire-ABC, LAB, UNI; Zinc-plated- LAB, UNI |
| ABC, ACM, AME, ATM, BAQ, CAE, CEN, COM, FOF, HAO, HOE, KEY, LAC, LEN, LEN, MET, NUC, REU, REY, UNL UNO, WYI | ABC, AME, ANQ, CAP, COC, COS, FIR, GES, HAO, HOP, KEY, LAB, LEN, MBS, MDM, MED, NUC, PAT, PER, REY, UNI, UNQ, WID | APP, DEL, STA | Chrome-plated-LAB; Cold rolled steel -MDM-(wire)-UNI; Corrugated board- LOW; Electroplated steel-ANM; Elec- tropolished-UNI; Fiberglas-HAO, RUG, UNO; Magnesium-LEN, MET; Painted wire and steel-UNI; Stainless steel wire -ABC, LAB, UNI; Zinc-plated-LAB, UNI |
| ABC, ACM, AME, ATM, BAQ, CAE, CEN, COM, FOF, HAO, HOE, KEY, LAC, LEN, LEN, MET, NUC, REU, REY, UNL UNO, WYI | ABC, AME, ANQ, CAP, COC, FIR, GES, HAO, KEY, LEN, MBS, MDM, NUC, PAT, PER, REY, UNI, UNQ, WID | DEL | Cold rolled steel-MDM-(wire)-UNI; Corrugated board-LOW; Electroplated steel-ANM; Electropolished-UNI; Fiberglas-HAO, UNO; Magnesium-LEN, MET; Painted wire and steel-UNI; Plated steel-AMO; Stainless steel wire -ABC, UNI; Zinc-plated-UNI |
| ABC, ACM, AME, ATM, BAQ, CAE, CEN, COM, FOF, HAO, HOE, KEY, LAC, LEN, LEN, MET, UNI, UNQ, WYI | ABC, AME, ANQ, AQU, CAP, COC, COS, FIR, GES, HAO, KEY, LAB, LEN, MBS, MDM, PER, UNL, UNQ, WID | APC | Chrome-plated-LAB; Cold rolled steel -MDM-(wire)-UNI; Corrugated board- LOW; Electroplated steel-ANM; Elec- tropolished-UNI; Fiberglas-HAO, UNO; Magnesium-LEN, MET; Painted wire and steel-UNI; Stainless steel wire- ABC, LAB, UNI; Zinc-plated-LAB, UNI |
| ABC, ACM, AME, ATM, BAQ, CAE, COM, FOF, HAO, HOE, KEY, LAC, LEN, LEN, MET, UNI, UNO, WYI | ABC, AME, ANQ, COC, FIR, HAO, KEY, LEN, MDM, PER, UNL UNO | | Cold rolled steel-MDM-(wire)-UNI; Corrugated board-LOW; Electroplated steel-ANM; Electropolished-UNI; Fiberglas-HAO, UNO; Magnesium- LEN, MET; Painted wire and steel- UNI; Plated steel-AMO; Stainless steel wire-ABC, UNI; Zinc-plated-UNI |
| ABC, ACM, AME, ATM, BAQ, CAE, COM, FOF, HAO, HOE, KEY, LAC, LEN, LEN, MET, UNI, UNQ, WAG, WYI | ABC, ALJ, AME, ANQ, COC, FIR, HAO, KEY, KIR, LEH, MDM, PER, UNL, UNO | FIR, KIR | Cold rolled steel-MDM-(wire)-UNI; Electroplated steel-ANM; Electro- polished-UNI; Fiberglas-HAO, UNO, WAG; Magnesium-LEN, MET; Painted wire and steel-UNI; Plated steel-AMO; Polyester-WAG; Stainless steel wire- ABC, UNI; Zinc-plated-UNI |
| ABC, ACM, AME, ATM, BAQ, CAE, COM, FOF, HAO, HOE, KEY, LAC, LEN, LEN, MET, UNI, UNO, WAG, WYI | ABC, ALJ, AME, ANQ, COC, FIR, FIR, GES, HAO, KEY, KIR, LEH, MDM, PER, UNI, UNO | FIR, KIR | Cold rolled steel-MDM-(wire)-UNI; Electroplated steel-ANM; Electro- polished-UNI; Fiberglas-HAO, UNO, WAG; Magnesium-LEN, MET; Painted wire and steel-UNI; Plated steel-AMO; Polyester-WAG; Stainless steel wire- ABC, UNI; Zinc-plated-UNI |

MANUFACTURERS OF LABORATORY ANIMAL CAGES Continued

| Animal | Stainless Steel | Galvanized Metal |
|----------|---|---|
| Primates | ABC, ACM, ALO, AME, AMO, ANQ, ATM, BAQ, BUS, CAE, COC, COM, FOF, HAH, HAO, HOE, KEY, LAC, LAF, LEH, LEN, MET, PER, POR, REU, SCK, SIR, SPC, UNI, UNQ, VOL, WAH, WYI | ABC, ACM, ALO, AME, AMO, ANQ, BAQ, BUS, CAE, COC, COM, FOF, HAH, HAO, HOE, KET, KEY, LAF, LEN, MET, PER, POR, REU, SCK, SIR, UNI, UNQ, WAH, WYI |
| Poultry | ABC, ACM, AMG, ANM, ANQ, ATM, BAQ, BUS, COC, COM, FOF, HAH, HAO, HOE, LAC, LAF, LEH, LEN, POR, REU, REY, SCK, SIR, VOL, WAH | ABC, ACM, AMG, ANM, ANQ, BAQ, BUK, BUS, CEN, COC, COM, FOF, HAH, HAO, HOE, KET, LAF, LEN, POR, REU, SCK, SIR, WAH |
| Other | Alligators (baby)-stainless steel, aluminum, plastic-NUC Amphibians-stainless steel, plastic, glass-OCE Aquatics-stainless steel, aluminum-ATM Baboons-stainless steel, galvanized metal, aluminum-FOF Bears-stainless steel, galvanized metal, aluminum-FOF Chinchillas-stainless steel, galvanized metal, plated steel-AMO Chipmunks-stainless steel, aluminum-FOF; glass-APC; galvanized metal-APC, FOF Complete range of stainless steel, aluminum, plastic cages-LEH Complete range for research animals-stainless steel, galvanized metal-WAH Fish-stainless steel, plastic-AQU, OCE; glass-OCE Fowl-stainless steel-ABC Fox-galvanized metal-KET Frogs-stainless steel-HAH, KEY, LAC; galvanized metal-HAH, KEY; aluminum, plastic-KEY | |

| Aluminum | Plastic | Glass | Other Material |
|--|---|-------|---|
| ABC, ACM, AME, ATM, BAQ, CAE, COM, FOF, HAO, HOE, KEY, LAC, LEH, LEN, MET, REU, UNI, UNO, WAG, WYI | ABC, AME, ANQ, COC, HAO, KEY, KIR, LEH, MDM, PER, UNI, UNO | KIR | Cold rolled steel-MDM-(wire)-UNI; Electropolished-UNI; Fiberglas-HAO, UNQ, WAG; Magnesium-LEN, MET; Painted wire and steel-UNI; Plated steel-AMO; Stainless steel wire-ABC, UNI; Zinc-plated-UNI |
| ABC, ACM, ATM, BAQ, CEN, COM, FOF, HAO, HOE, LAC, LEH, LEN, REU, REY | ABC, ANQ, COC, HAO, LEH, MDM, REY | | Cold rolled steel-MDM; Electropolished steel-AMM; Fiberglas-HAO; Mag- nesium-LEN; Polyester-WAG; Stain- less steel wire-ABC |

Gerbils—stainless steel-ABC, HOE, SIR, UNI; galvanized metal-HOE, SIR, UNI; aluminum-HOE, UNI;
plastic, stainless steel wire, cold rolled steel wire, zinc-plated, painted wire and steel, electro-
polished-UNI

Insects—stainless steel, galvanized metal, aluminum, plastic, magnesium-LEN

Larger wild species—stainless steel, galvanized metal, aluminum-REU

Marsupials—galvanized metal-ABC

Mink—stainless steel-ABC

Opossums—galvanized metal-KET

Pigeons—plastic-GES

Reptiles—stainless steel, galvanized metal-COC, HAH; plastic-COC

Sheep metabolism—stainless steel-HOE, SPC; galvanized metal, aluminum-HOE

Skunks—galvanized metal-KET

Snakes—stainless steel, galvanized metal, aluminum, plastic-KEY

Squirrels—galvanized metal-APC, KET; glass-APC

Swine metabolism—stainless steel, galvanized metal, aluminum-HOE

Woodchuck—stainless steel, galvanized metal, aluminum, magnesium-MET

MANUFACTURERS OF ANCILLARY LABORATORY EQUIPMENT

| | | | |
|--|----------------|---|----------------|
| Accessories, miscellaneous | ABC | stainless steel | COL, FOS, KAB, |
| Amplifiers, physiological measuring, all types | LEX | Cage accessories | KEW |
| Analyzers, automated nitrogen pH/blood gas | COB | Cage pads | LEN |
| Portable polarographic | INL | Cages, all types | KIM |
| Aneesthesia units | INL | CARY, glass, for respiration analysis | SPC |
| Anthelmintic for rodents | KAB, NAT, PRV | infectious | APP |
| Antiseptics | FOT | isolation | POR |
| Aprons, plastic | VET | metabolism | REU |
| Artificial insemination instruments | BRE, SIG | recovery | KEY, POR |
| Bactericides, equipment and area | BRE | restraining | REU |
| Balance accessories and parts | ALF, DIV, KAB | security | FIS, REU |
| Balances, analytical animal "Neweigh" and "HiSpeed" laboratory | ALF | transistorized, for small animals | REU |
| micro and semimicro pellet recording | ALF, CEN | Cans, rinsing-sterilizer storage | WOC |
| Bandages, gauze | OHA, PEC, TOR | Carts, all types | GIR |
| Barographs | ALF | galvanized and stainless steel | HOE, SIR |
| Barometers | CEN, FIR, HEU, | laboratory | ANQ, HOE, KAB |
| Baskets, water bottle wire | OHA, PEC, SCJ, | refuse and bedding | ANQ |
| Bedding, "AB-SORB-DRI" (woodchip) | TOR | transport | ATM, HOE, LAF, |
| "CEDAR-OMA" | ALF | Cases, feed jar | MET, SIR |
| "LAB-LITTER" | ALF, SCJ | wire, bottle | ANQ, KAB |
| pine, lab animal | VET | Catheters | HOE, SIR |
| SAN-I-CEL® | ABB | Centrifuge, high-speed angle | LEN |
| "Sani-Chips" | ABB | Chambers | GIR, LEN |
| "STOP-'O'" (odor neutralizing) | ABC, LAF | acoustic and RF shielded | FRA, PRV |
| woodchip | GIR, LAF, LEN | environmental control (with specifications) | CUS |
| Bedding, "AB-SORB-DRI" (woodchip) | LAB, WOA | altitude control | MED |
| "CEDAR-OMA" | SCI | humidity and temperature | INA |
| "LAB-LITTER" | SCI | control | ENV, FOS, SHE, |
| pine, lab animal | GRO | pressure | TEN |
| SAN-I-CEL® | PAX | metabolism | BET, VAC |
| "Sani-Chips" | KAB | room-sized | BAL, OCE |
| "STOP-'O'" (odor neutralizing) | HAL | stamina, for fish | BET, SHE |
| woodchip | LAB | test | OCE |
| Behavioral assemblies with programming equipment and recorders | GES | Cleaners, all types animal care | LEH |
| Bins, bedding feeding | ATM, GIR, HOE | "B.O.C. Odor Preventive" for lab. metalware, | DIV |
| mobile | ATM, BAQ, GIR, | bactericidal | BAP |
| Biochemicals amino acid concentrate | HOE, KAB, SOU | "Deofectant" for washers | SUP |
| Bleeder, rabbit | KEY | germicidal | WEA |
| Boards, operating, with accessories | CHE, GEK, SAR | hand | ALF, KAB, WYA |
| Boilers, steam | FOT | lab. glassware | ALF, OAK, WYA |
| Bottles, glass feeding nursing, with nipples water | POR | manual operations | ALF, OAK |
| Bowls | EBE, HAV | pen, cage, pan | ALF, WYA |
| Cabinets, dry ice storage medicine solvent storage | GIR | "Saniwash" | SUP |
| | GIR, LAF, SIR | "Sparkleen" | SUP |
| | BRE | Cleaning equipment | DIV, KAB, OAK |
| | KEY | ultrasonic, for surgery | ALF, HEA, JOY, |
| | BAQ, LAF, SIR | instruments, hypodermic needles, syringes, etc. | KAB |
| | CUS, MEE | Clippers, animal | FIS |
| | LAC | | |
| | KAB | | |

MANUFACTURERS OF ANCILLARY LABORATORY EQUIPMENT Continued

| | | | |
|--|----------------|--|---------------------------------|
| Closures, flanged rubber, disposable plastic | GIR | Disinfectants | ALF, KAB, KEY, SUP, WEA |
| Clothing, lab. suits, coveralls, etc., disposable | FRA, SNL | "Nolvasan" "Superwash" | FOT KAB |
| Colorimeters | COB | Disinfectant injection equipment | ALF, KAB |
| Compounds, air-conditioning maintenance | ALF, OAK | Dispensers, food, pellet, and drink | GES, KAB, KEY, LEH, REY |
| derusting | ALF, OAK | Disposal equipment, counter unit | GAR |
| descaling | ALF, OAK | Dissecting instruments and supplies | CEN, CLD, FIS, SCK |
| for machine use | ALF | Dollies, bottle case can | GIR |
| sanitizing | ALF, OAK, WYA | Drain tables | ABC, HOE, KAB |
| Computer, digital for biological signals | NUA | Dressings, surgical | CAE, COL |
| Containers, food and water freezing and shipping sawdust | BAQ, FRA, KAB | Drinking systems | ALJ |
| Conveyors | FRA | automated | ABC, COM, FIE |
| Cotton products | KAB | Dry box, controlled atmos- phere, with remote control | COM, FIE, LEH |
| Counter tops, stainless steel | SOU | Dryers, cage, for small animal hospitals | KEW |
| Covers | LEN | freeze | ALJ |
| cage | MET, UNI | vacuum | VAC |
| dust, for balances | CAE | Electrocardiography | REY |
| Crates, aluminum shipping | REU | equipment | AVI |
| Culture media, bacteriological | CAY | Electrodes, pH | COB |
| Custom design, animal care | ANQ | pH/mV | INL |
| and lab. research | COM, SOU | Electrometers, pH/mV | INL |
| engineering services, | BET, ENV, FOS, | Electronic instrumentation | HEW |
| animal care facilities | GAF | for producing electro- anesthesia | |
| environmental control | LAC | Engineering service, com- plete animal care | COM, SOU |
| chambers | NUC | Environmental monitoring systems (for chambers) | ENV |
| furniture, lab. | COC | Equipment, all types animal | ANQ |
| hardware and plastic | GAG, LAW | care and lab. research to | |
| equipment | GAG | specifications in stainless | |
| respiratory studies, | ALV | steel, galvanized, and | |
| equipment for | HAV | aluminum | |
| surgical instruments | SUP | clinical testing | CLD |
| veterinary equipment | DIV, KAB, OAK, | infusion and perfusion | HAV |
| washing machines | SUP | laboratory | FRA, SAR, SCK |
| Decapitators | KAB | Euthanasia chambers for | CAR |
| Deodorants and equipment | DIV | small animals, with | |
| "Refreshaire" | KEY | equipment | |
| Deodorizers | DIV | Feed supplement "Clovite" | FOT |
| spray | ALF, DIV, KAB, | Feeder-lid for use on glass | APC |
| Detergents | DIV | jars | |
| dispensing and control | KEY | Feeders | ALJ, FIS, KEY, POR, SIR, UNI |
| equipment | DIV | automatic system | |
| portable, spray | ALF, KAB | for small animals | COM, LEH |
| for cage washers | ALF, KAB | Fence sections, prefab. for | MET, POR |
| for manual cleaning | ALF, KAB, KEY | dog kennel runs | FOF, KAB |
| Alconox | ALD | Filters, water bottle | BEY, GIR, LAF |
| Liqui-nox, phosphate-free | ALD | Filters, bacteriological | CUS |
| for mechanical washers | ALF, KAB | | |
| Alconox | ALD | | |
| Alcotabs for siphon-type | ALD | | |
| pipette washers | LAG | | |
| Dilutors, automatic | | | |

MANUFACTURERS OF ANCILLARY LABORATORY EQUIPMENT *Continued*

| | | | |
|---|---|---|------------------------|
| Fishing apparatus, electronic | OCE | Light box, "Glow-Box" | INS |
| Floors, non-composition resin composition wire | CRO CRO, KAB UNI BAQ, COM | "LightTable" base illuminators with glass bases Lights, color-corrected examining color-corrected microscope | EDN CLE |
| Flushing systems, automatic for cages | COL, LAC, MEQ, SOU DIL | floodlight operating and examining ultraviolet/fluorescent magnifier | EDN ALJ, INC CLE |
| Furniture, metal lab. | COL, LAC, MEQ, SOU DIL | Litter, PEL-E-CEL® STEROLIT® | EDN ALJ, INC CLE |
| Gauges, tension, compression, length, strength of materials, with remote reading apparatus | ALF, KEY, WEA | Masks | PAX MTW |
| Germicides | ALF, KEY, WEA | Measuring machines, length | FRA, KAB, PRV, |
| Glove bag | INS | Metabolism enclosures | VET OCE |
| Glove box, one-piece Fiberglas stainless steel | LAE | Meters, blood flow oxygen saturation/ hemoglobin pH | BAL, KEY, OCE, POR |
| Gloves, disposable | FOS FRA, KAB, KEW, SCK, SNL KEY, SOU | Micromanipulators Microscopes | AVI INL |
| Handling systems, automated with materials | SIG | Microscopy equipment | COB |
| Harnesses, plastic and leather | NAT | Microtomes | PRO |
| Heart monitor | HAV | Monitors, activity | CEN, ELG, GPS, |
| Hearts, artificial animal | LEP | Needles, disposable | SWI |
| Heating equipment, electromagnetic radiant, electrothermal | SIG | Neurophysiology apparatus and electrodes | CLD, GPS, SWI |
| Homostats | VET | Nipples, nursing, for small animals | GPS |
| Holders, animal bottle record card | FIS ATC KEY | Nozzles, spray | ELG |
| Hoods, air-supplied fume, stainless steel laminar flow exhaust | SNL CAE AIR | Nuclear measurement and tracing equipment with analysis systems | SWI |
| Hose with equipment | KAB | Oscilloscope image expander | OCE |
| Humidity indicators | ABB, SHI | Ovens, lab. | PRO |
| Humidity recorders | ABB | Oxygen therapy specialties | CEN, SOU |
| Immunization, aerosol chamber for | TRR | Pans, feeding and watering | NAT, PRV |
| Incinerators | KAB, KEW, NAO, SYR NAO, SYR CEN, FOS, HYD WIE | Pesticides | FRA |
| general lab. wastes | | Petri dish | CHE |
| Incubators | | Photofluorometers | PRV |
| Indicators, biological, for sterilization effectiveness | | Photometers, flame | COB |
| Injector, automatic | SAG | Physiological measuring instruments | COB, INL |
| Insecticides, dips and dusts | KAB, SUP | Pipettes | GRC |
| Instruments, animal surgery for dogs, cats, horses, and cattle | CLD, LAW, PER ALJ | automatic cans | CLD, FRA |
| laboratory physiological measuring | SAR, SCK | Infuse-Eze | LAG |
| veterinary diagnostic | GRC | Plastic-ware and equipment | MET |
| Jars, animal | ALJ | Probes, ultrasonic, for dis- | ALE |
| Labeling systems for cages | AIR, COW PRT WAH | ruption of biological cells and homogenization of animal tissue | PER |
| Labroatory supplies | SAR, SCK | Programming systems | BLC |
| | | | GES, MDC |

MANUFACTURERS OF ANCILLARY LABORATORY EQUIPMENT Continued

| | | | |
|--|----------------|--|-----------------------------------|
| compatible with data acquisition systems | MDC | Sponges, gauze rubber | VET SIG |
| electromechanical and solid-state | GRA | Spraying equipment | HEA, SUP |
| Pulmonizers | MED | Stain removers | OAK |
| Pumps, infusion with cage-top swivel metering | SAG | Stands infusion | SIR |
| portable | HEA | Sterilisers | EVS |
| syringe | SAG | animal feed | CEN, INC, SOU |
| vacuum | SAG | bulk animal cage | INC |
| Racks | CEN | continuous-flow water | INC |
| adjustable | ATM, COM, SIR | steam or ethylene oxide | VAC |
| animal cage, stainless steel and galvanized | COM, SIR | with automatic dryer | CLE |
| excreta pan transport | ANQ, HOE, KEY, | Stills, water | INC |
| pan washing | LAF, LEN, MET, | Stimulus generators | HEW |
| test tube | UNI | Stoppers | ATC, GIR, KEY |
| Radioactivity measurement apparatus (for animals) | HOE | neoprene | LAF |
| Radiochemistry unit | HOE, SIR | Storage equipment | KAB, SIR |
| Recording equipment, all types physiological | LAF, MET | Stunner, rodent | HAV |
| Respirators, animal | NUL | Surgical instruments | CLD, GAG, LAW, PER |
| Restrainers | HAV, MIE, PRV | Sutures | ALJ, FRA, VET |
| Cat-Shur | ATM, I.EH, KEY | disposable | SCK |
| chairs for primates and large felines | ALE | Syringes | FRA, VET |
| plastic for small animals | REU | disposable | FRA, SCK |
| Plexiglas with metabolism chamber for respiration of rats | MBS | nylon with interchangeable tip | CHS |
| rats | BAI | Tables, dissecting | SPC |
| Rosuscitator | POR | examining | ATM, BAQ |
| Rib retractors for horses and cows | EVS, NAT | veterinary | ALJ, EBE |
| Rodenticides | GAG | laboratory | ATM, LAC |
| Scales, lab. | KAB | necropsy | HOE, LAC, POR, SIR, SPC |
| Shakers, clinical | CEN, HEU, PEC, | operating | ATM, EVR, FIE, HOE, SCK, SIR, STL |
| shavings, white pine | SCJ, TOR | | GAG |
| Shelves | CLD, EBE | | ALJ, POR, PRO, SCK, SIR, STL |
| Silencers, for isolation of noise | BLA | preparation | BAQ |
| Sinks | KAB, LEN, SOU | stainless steel | GIR, STL |
| portable | INA | transport | REU |
| Solution control equipment | BAQ, CAE, COL, | treatment | POR, REU |
| Solvents, urine and lime scale removers | KAB | Tags | FIE |
| Sonifier cell disrupter | LAC | Tanks, pressure, for media and tissue culture production | MET |
| Sound-regulating materials, partitions, doors, attenuators | ALF, KAB, WYA | Tape, adhesive | VET |
| Spectrophotometer cells and washers | ALF, KAB | Telemetry systems, biomedical, (Metrel and Cardioguard) | AVI |
| Sphygmomanometer | HEA | Thermometers | ABB |
| Spirometers | INA | electronic thermistor, with probes | TRR, YEL |
| | COB, HEA | Timers, reaction, with acoustic or electric stimulus | OCE |
| | SAG | Tonometers | INL |
| | MED | Towels, disposable, with dispenser tray | SOR |
| | | Traps, electric flea | BRE |
| | | Trays, basket | LEN, SIR |

MANUFACTURERS OF ANCILLARY LABORATORY EQUIPMENT Continued

| | | | |
|--|----------------|------------------------------|---------------|
| stainless steel syringe | ABC | Wanders, for dogs | GIR |
| Treadmills for large animals | GAG | for glassware | WRI |
| Trucks, case | LEN | portable spray jet steam | INC |
| feed and material handling | GIR, KAB | and water pressure | |
| transportation | LEN | sipper tube | GIR |
| Tubes, disposable Wintrobe | LAG | Waste, disposal units (sink) | INC |
| drinking, plain and | COW, LAF, KEY, | bags and liners | SNL |
| graduated | SIR, WAL | Water baths | CEN |
| endotracheal | EVS | Waterer, automatic for dog | GIR |
| latex and plastic | FRA | "Ball-waterer" for small | ATC |
| sipper | GIR | animals | |
| Valves, automatic to control | ATC | (self-) "Lixit" | ATC |
| drinking water with accessory installation equipment | | "Touch-n-Drink" tubes | ATC |
| Vaporizer | NAT | Watering equipment | ATC |
| Visual amplifier, "Work-Viewer" | EDN | Watering guns | ANG, KAB |
| | | Watering systems | ABC, PIE, SIR |
| | | automatic for primates | MAA |

MANUFACTURERS OF GERM-FREE LABORATORY EQUIPMENT

| | | | |
|--------------------------------|----------------|---|--------------------|
| Atomizers | SNL | Hose, vacuum | SNL |
| Autoclaves | CLE, KAB, KEW, | Isolators | GAF, LCN, MDM, SNL |
| | WIE | | |
| Blowers | HAG, INC, SNL | aluminum, for mouse | ABC |
| Brain tissue slicer | LAC | Fiberglas | HAG, SNL |
| Cages, filter type for rodents | ATM, HER | flexible film | GAF, HOA, INC, |
| temperature, humidity and | | | LAC, MAL |
| oxygen controlled | SIR | | REY |
| Caps, entry port | GAF | general purpose - rearing, | |
| Cart, sterilization control | REY | operating, connecting, | |
| and recording | | examining, transfer | |
| Chambers, controlled | FOG, VAC | Iso-Cage (filter, mouse) | LAB |
| environment | | IsoLab, self-contained, | LAB |
| metabolism, Delmar-Roth | DEL | plastic, disposable, for | |
| Clothing, disposable | KAB | mice | |
| Drying unit, portable vacuum | REY | Isolator/Lab [®] unit for con- | FIM |
| freeze | VAC | trolled atmosphere and | |
| Entry ports and caps | GAF, SNL | varied pathogenic environ- | |
| Exhaust hoods, laminar flow | AIR | ment, fully adjustable | |
| Feeding systems, automatic | COM | stainless steel with filters | ATM, HAG, LAC |
| Film, flexible PVC, custom- | GAF | and vacuum pump | |
| made items | | Jars, glass, for keeping animals | AIR |
| Filters | HAG, INC, SNL | Outlet traps | GAF, INC, SNL |
| Glove boxes | FOG, LAE, MDM | Retaining rings | SNL |
| Glove rings | GAF, SNL | Sterilizing units | LAC, VAC |
| Gloves | HAG, KAB, SNL | Supply drums, sterile | SNL |
| Gloves, dry box | KAB | Surgical instruments | KAB |
| DURA-SOL, oxygen | CHB | Surgical units | KEW, LAC |
| resistant | | Transfer sleeves | GAF |
| NEO-SOL neoprene and | CHB | Transfer units, stainless | LAC, SNL |
| BUTA-SOL butyl | | steel with flexible film | |
| RAD-BAR, shielding against | CHB | sleeves | |
| radiation | | Watering systems, automatic | COM |
| sulfur-free | CHB | automatic primate | MAA |
| | | "WHITE-ROOMette" | ULT |

V

**SUPPLIER AND
MANUFACTURER
ADDRESS CODES**

SUPPLIER AND MANUFACTURER CODES

| Code | Name | Code | Name |
|------|--|------|---|
| AAE | A & T Farms, Inc. P. O. Box 422, R. D. #2 Altamont, N. Y. 12009 (518) 765-2240 | ALJ | Aljen Veterinary Supply Co. 103 Avenue F Brooklyn, N. Y. 11218 (212) GE 8-5700 |
| ABB | Abbecon Incorporated 179-18 Jamaica Ave. Jamaica, N. Y. 11438 (212) AX 7-5600 | ALL | Allied Mills, Inc. 100 N. Wacker Drive Chicago, Ill. 60606 (312) FI 6-8060 |
| ABC | ABCO Wire & Metal Products Animal Care Department P. O. Box 3188, W. Harder Annex Hayward, Calif. 94544 (415) 783-6121 or 387-8380 | ALO | Ales Scientific, Division of Brunswick 1831 Olive St. St. Louis, Mo. 63103 (314) CH 1-5700 |
| ACM | Acme Metal Products, Inc. 7757 S. South Chicago Ave. Chicago, Ill. 60619 (312) 731-8080 | ALV | Alvey-Ferguson Company 3131 Disney St. Cincinnati, Ohio 45206 (513) 731-7000 |
| ADV | Adventure Hill Farm Highway 69 North Clinton, N. J. 07016 (201) 638-6678 | AMA | American Animal Industries, Inc. P. O. Box 86034 Indianapolis, Ind. 46286 (317) 281-3932 |
| AGW | Agway, Inc. (Country Best Foods) P. O. Box 384 Rancho, N. Y. 14861 (607) 272-5050 | AME | American Laboratory Equipment Co. 1380 Ocean Ave. San Francisco, Calif. 94112 (415) 587-2500 |
| AIR | Air Control Inc. 125 Noble St. Norristown, Pa. 19401 (215) 279-0500 | AMG | American Lincoln Incubator Co. P. O. Box 887 New Brunswick, N. J. 08903 (201) KI 6-3870 |
| ALB | Albino Farms P. O. Box 331 Red Bank, N. J. 07701 (201) 747-3818 | AML | Amesbury Metal Products Co., Inc. 39 Oakland St. Amesbury, Mass. 01913 (617) 388-0900 |
| ALC | Alicar Instruments, Inc. 100 Elm St., P. O. Box 630 Trenton, N. J. 08604 (609) 384-5106 | AMO | Joseph Amon, Inc. P. O. Box 188 Rahway, N. J. 07065 (201) 388-0230 |
| ALD | Alcomex, Inc. 853 Broadway New York, N. Y. 10003 (212) OR 3-1300 | ANB | Ani-Lab, Inc. 196th and Rue #64 Homewood, Ill. 60430 (312) 788-8030 |
| ALE | Alexander-Shaw Corporation P. O. Box 241, 188 Worcester St. Wellesley Hills, Mass. 02181 (617) 235-1248 | ANF | Animal Feeds Inc. 3255 Park Ave. Bronx, N. Y. 10461 (212) CY 3-7750 |
| ALF | Alfred Chemical Corporation 5-09 Burns Ave. Hicksville, N. Y. 11801 (516) GE 3-6730 | ANM | Animatic Animal Care Products Inc. 830 State St. New Orleans, La. 70118 (504) 881-7340 |
| ALI | M. A. Jonah Ali Raypara Roud Kulina, East Pakistan | ANQ | An-Lab Equipment, Inc. 414 Black Oak Ridge Rd. Wayne, N. J. 07470 (201) 694-0747 |

SUPPLIER AND MANUFACTURER CODES *Continued*

| Code | Name | Code | Name |
|------|--|------|---|
| APC | APCO Manufacturing Co. 2118 N. 5th St. Coeur d'Alene, Idaho 83814 (208) 640-2686 | BAD | Badger Research Corporation P. O. Box 537 Madison, Wis. 53701 (608) 256-6064 |
| APP | Applied Physics Corporation 2724 E. Peck Rd. Neatovia, Calif. 91018 (213) 446-7181 | BAI | Baird-Atomic, Inc. 33 University Rd. Cambridge, Mass. 02138 (617) 564-7420 |
| AQU | Aquariums Incorporated 97 Rue. 17 Maywood, N. J. 07607 (201) 343-2900 | BAN | Stuart E. Santa 152 E. Pawling St. Hagaman, N. Y. 13066 (518) 843-1827 or 842-4630 |
| ARC | Arrowhead Caviary Rte. #3, Box 180, 6600 Westlake Rd. Bellevue, Mich. 49021 (616) 738-3598 | BAO | Bark-Bridge Farms P. O. Box 42 Wenonah, N. J. 08060 (609) 857-3133 |
| ARF | The Arrows Rabbit Farm Rte. #1, Box 143 North Garden, Va. 22960 (703) 386-1761 | BAP | Barrett Chemical Sales Inc. 160 N. Washington St. Boston, Mass. 02114 (617) 523-0781 |
| ARI | Astoria Animal Imports, Inc. P. O. Box 6138 International Airport San Francisco, Calif. 94128 (415) 697-3747 or 961-6866 | BAQ | H. Barrow Company, Inc. Industrial & Research Equipment Division 461 Broome St. New York, N. Y. 10013 (212) CA 6-7800 |
| ATC | ATCO Manufacturing Company 1108 Hardman Ave. Napa, Calif. 94558 (707) 286-8718 | BAR | Bar-Wan Rabbitry & Kennels, Inc. Rte. #1, Box 60 Crocker, Mo. 65453 (314) 774-6648 |
| ATK | Atlantic Kennels, Incorporated R. R. 1, Box 187 Zionsville, Ind. 46071 (317) 873-2338 | BAT | Battelle Memorial Institute Washington St. Duxbury, Mass. 02332 (617) 834-8688 |
| ATM | Atlantic Metal Products, Inc. Medical Research Equipment Division 21 Fadem Rd Springfield, N. J. 07081 (201) 379-6500 | BEG | Beagles for Research Inc. Green Hills Farm White Sulphur Springs, N. Y. 12787 (514) 282-8484 |
| ATO | Atlas Canine Products, Inc. 3345 Royal Ave. Oceanside, N. Y. 11572 (516) 678-6400 | BEI | Beemmanor Farms 1718 Sheridan Rd. Cleveland, Ohio 44131 (216) 361-1020 |
| AVI | Avionics Research Products Corp. 6901 W. Imperial Highway Los Angeles, Calif. 90048 (213) 674-1334 | BEJ | Bee-Ridge Rabbitry 1400 Jamison Rd. Elma, N. Y. 14058 (716) NL 2-4794 |
| BAA | B & B Rabbitry P. O. Box 138 Pt. Lupton, Colo. 80621 (303) 857-2367 or 857-2072 | BKL | Bellwood Farm R. D. #1 Englishtown, N. J. 07726 (201) 536-9438 |
| BAB | Babcock Poultry Farm, Inc. P. O. Box 280 Ithaca, N. Y. 14850 (607) 272-5890 | BER | Berkeley Pacific Laboratories 1101 Fifth St. Berkeley, Calif. 94710 (415) 527-1101 |

SUPPLIER AND MANUFACTURER CODES Continued

| Code | Name | Code | Name |
|------|--|------|---|
| BET | The Bethlehem Corporation 125 W. Second St. Bethlehem, Pa. 18106 (215) 867-4603 | CAO | Canadian Research Animal Farms R. R. #2 Bradford/Ontario, Canada (416) 775-2809 or 775-2863 |
| BEY | Better Built Machinery Corporation 1st E. 42nd St. New York, N. Y. 10017 (312) 972-3111 | CAP | Capital Plastics Company 4215 Howard Ave. Kensington, Md. 20706 (301) 949-2991 |
| BIO | Bioproducts, Incorporated Warrenton, Ore. 97146 (503) 861-2858 | CAR | Carbohanasia, Incorporated 1815 Davidson Ave. New York, N. Y. 10453 (212) 472-1602 |
| BLA | Black Brook Products Inc. P. O. Box 48 Lakeport, N. H. 03846 (603) 283-7707 | CAW | *Carworth Inc. 216 Congers Rd. New City, N. Y. 10566 (914) 634-4666 |
| BLC | Blackstone Ultrasonics Inc. Sheffield, Pa. 16347 (414) 968-3431 | CAY | Case Laboratories, Inc. 1407 North Dayton St. Chicago, Ill. 60622 (321) MO 4-8448 |
| BLU | Blue Spruce Farms, Inc. Gardner Rd. Altamont, N. Y. 12009 (518) 861-8841 | CBB | Con-Tex Rabbitry 4000 Beverly Drive Waco, Tex. 76711 (817) 754-2810 |
| BRE | Breeders Equipment Co. Flourtown, Pa. 19031 (215) AD 3-0799 | CEN | Central Scientific Company 1700 Irving Park Rd. Chicago, Ill. 60613 (312) WE 5-8600 |
| BRO | Brookside Farm East Stroudsburg, Pa. 18301 (717) 421-6880 | CHA | *The Charles River Breeding Laboratories, Inc. 251 Ballardvale St. Wilmington, Mass. 01887 (617) 658-6000 |
| BUA | Warren E. Buck 233 6th Ave. Glendora, N. J. 08833 | CHB | Charleston Rubber Company Stark Industrial Park Charleston, S. C. 29408 (803) 744-7434 |
| BUK | The Buckshire Corporation P. O. Box 195 Silverdale, Pa. 15952 (215) 257-7148 or 257-7824 | CNC | Charles P. "Bill" Chase 136 N.W. 37th Ave. Miami, Fla. 33126 (305) 661-8771 |
| BUS | Bussey Products Co. 2700 W. 35th St. Chicago, Ill. 60632 (312) 847-5038 | CNE | Chem. Service, Inc. P. O. Box 18 Media, Pa. 19063 (215) 693-3026 |
| CAE | The Cameron Co., Inc. 1609 Union Ave., Rear Baltimore, Md. 21211 (301) HO 7-8100 | CHF | Chesapeake Feed Co., Inc. P. O. Box 23 Beltsville, Md. 20705 (301) 778-7807 |
| CAN | Camm Research Institute, Inc. 414 Black Oak Ridge Rd Wayne, N. J. 07470 (201) 694-0703 | CHI | Chick Line East Garden Rd. Vineland, N. J. 08360 (609) 692-4719 |
| CAN | *Canadian Breeding Laboratories 188 Lavalie St. St. Constant, (Laprairie) P.Q., Canada (514) 632-3260 or 365-3311 | | |

SUPPLIER AND MANUFACTURER CODES *Continued*

| Code | Name | Code | Name |
|------|--|------|---|
| CHL | Children's Cancer Research Foundation 35 Binney St. Boston, Mass. 02115 (617) 734-6000 (Ext. 860) | COM | Columbia Systems Co. 3829 Plyers Mill Rd. Kensington, Md. 20785 (301) 933-2645 |
| CHS | Childs Surgical Supply, Inc. P. O. Box 5235 Pasadena, Calif. 91107 | CON | Connecticut Valley Biological Supply Co. Valley Rd. Southampton, Mass. 01073 (413) 527-4030 |
| CIR | Circle W. Rabbitry Upperhill, Vt. 05489 (802) TW 9-4438 | COR | Conrad, Inc. Holland, Mich. 49423 (616) 392-3181 |
| CKR | Clark's Rabbitry and Worm Ranch Rte. #1, Box 121 Scotland Neck, N. C. 27874 (919) 826-6001 | COS | Consolidated Molded Products Warner St. & Greenwood Ave. Scranton, Pa. 18501 (717) 346-6527 |
| CLA | George Clauss 18-19 Saddle River Rd. Fairlawn, N. J. 07412 (201) 796-0115 | COU | Cornell University Research Dog Farm 37 Sapsucker Woods Rd. Ithaca, N. Y. 14850 (607) AR 5-3040 or AR 5-3030 |
| CLD | Clay-Adams, Inc. 141 E. 25th St. New York, N. Y. 10010 (212) MU 6-4920 | COV | Cornett Laboratory Animals P. O. Box 3504 Shawnee, Kans. 66217 (913) ME 1-7254 |
| CLE | Cleveland-Burton Co. 7922 Haskell Ave. Van Nuys, Calif. 91406 (213) 873-5310 | COW | Corning Glass Works Laboratory Products Dept. Corning, N. Y. 14830 (607) 962-4444 |
| CLO | Clovelly Farm 5539 Beaver Crest Drive Lorain, Ohio 44053 (216) AV 2-8043 | CRO | Crossfield Products Corp. 140 Valley Rd. Roselle Park, N. J. 07204 (201) 245-2800 |
| COA | Thomas Coatoam, IV 213 South St. Wattsburg, Pa. 16442 (814) 456-2937 | CUM | *Cumberland View Farms Rte. #3 Clinton, Tenn. 37716 (615) 457-9414 |
| COB | Coleman Instruments Corporation 42 Madison St. Maywood, Ill. 60153 (312) 345-7500 | CUS | Custom Scientific Instruments, Inc. P. O. Box A, 13 Wing Drive Whippany, N. J. 07981 (201) 991-6403 |
| COC | Warren E. Collins, Inc. 220 Wood Rd. Braintree, Mass. 02184 (617) 843-0610 | CYN | Cyn-Piera, Inc. 34 W. Dryden Rd. Freeville, N. Y. 13068 (607) 347-4883 |
| COE | Colonial Acres Rabbitry Rte. #1 Monett, Mo. 65708 (417) BE 5-5860 | CZE | John S. Czepiel 26 Paderewski Ave. Chicopee, Mass. 01013 |
| COF | Colonial Poultry Farms, Inc. Pleasant Hill, Mo. 64080 (816) 987-2137 | DAL | Dahl Company P. O. Box 566 Berkeley, Calif. 94701 (415) 654-0805 |
| COL | Columbia Metal Products Co. 260 E. 143rd St. Bronx, N. Y. 21231 (212) LU 5-2525 | | |

SUPPLIER AND MANUFACTURER CODES Continued

| Code | Name | Code | Name |
|------|---|------|--|
| DEL | Delmar Scientific Laboratories, Inc. 317 Madison St. Maywood, Ill. 60153 (312) 345-7500 | ELM | Elm Hill Farm 71 Elm St. Chelmsford, Mass. 01824 (617) 256-2322 |
| DEN | Dennen Animal Industries, Inc. 405 Essex Ave. Gloucester, Mass. 01930 (617) 283-1428 | ENG | Engle's Hamstery P. O. Box 2024, Idaho Station Terre Haute, Ind. 47802 (812) LI 3481 |
| DIE | Dierolf Farms, Inc. P. O. Box 26 Boyertown, Pa. 19512 (215) 367-2981 | ENV | Environmental Growth Chambers 510 E. Washington St. Chagrin Falls, Ohio 44022 (216) 247-5100 |
| DIL | W. C. Dillon & Company, Inc. 14620 Keswick St. Van Nuys, Calif. 91407 (213) 785-3168 | ESF | John W. Eschelman & Sons 244 N. Queen St. Lancaster, Pa. 17604 (717) 397-6262 |
| DIS | Disposable Laboratory Cages, Inc. Bioscience Division 15th & Bloomingdale Aves. Melrose Park, Ill. 60160 (312) 345-7400 | EST | Establishments A. Fontaine 70 Avenue Seghers Bruxelles 6, Belgium 26.77.98 — 26.59.67 |
| DIV | Diversey Corporation 212 W. Monroe Chicago, Ill. 60606 (312) ST 2-0800 | EVE | Evergreen Corporation 9 Agamash Lane Raiuna, Dacca-2, Pakistan |
| DOG | Dogs for Research 4998 S. Rodwood Rd. Murray, Utah 84107 (801) 266-4484 | EVS | EVSCO Pharmaceutical Company 3345 Royal Ave. Oceanside, Long Island, N. Y. 11572 (516) 678-6800 |
| DUB | Dublin Laboratory Animals, Inc. P. O. Box 875 Dublin, Va. 24084 (703) 674-5113 | FAB | FAB Breeding Laboratories P. O. Box 223 New City, N. Y. 10566 (914) 634-9068 |
| EBE | Eberbach Corporation P. O. Box 1024 505 S. Maple Rd. Ann Arbor, Mich. 48106 (313) 665-8877 | FIB | Fibreplex Co. P. O. Box 14 Norwalk, Calif. 90652 (213) 699-0890 |
| EDM | Frank Edmondson R. R. #2, Sunnyside Rd. Washington, Ind. 47501 (912) 254-2420 | FIE | The Fieldstone Corporation 4811 Grace Ave. Cincinnati, Ohio 45227 (513) 271-3200 |
| EDN | Ednalite Research Corporation 210 N. Water St. Peekskill, N. Y. 10563 (914) PE 7-4100 | FIF | W. F. Fisher & Son, Inc. P. O. Box 465 Bound Brook, N. J. 08805 (201) 356-2060 |
| ELG | Elgeet Optical Company, Inc. 838 Smith St. Rochester, N. Y. 14606 (716) BE 5-8080 | FIS | Fisher Scientific Company 7722 Fenton St. Silver Spring, Md. 20910 (301) 587-7000 |
| | | FLI | Flinn's Rabbitry 160 Ontario St. Albany, N. Y. 12206 (518) HO 5-2518 |

SUPPLIER AND MANUFACTURER CODES Continued

| Code | Name | Code | Name |
|------|---|------|--|
| FLO | Florida Marine Research Laboratory 4670 S. Peninsula Drive Daytona Beach, Fla. 32019 | GER | Gerber's Mousery Cedar Lane Gray-Summit, Mo. 63039 (314) PI 2-4349 or PI 2-4297 |
| FOD | Food and Drug Research Laboratories, Inc. Maurice Ave. at 58th St. Maspeth, N. Y. 11378 (212) TW 4-0800 | GES | Ralph Gerbrands Co., Inc. 8 Beck Rd. Arlington, Mass. 02174 (617) 648-6415 |
| FOF | Ford Fence Co., Inc. 6542 N. Westfield Blvd. Indianapolis, Ind. 46220 (317) 255-5427 | GIR | Girton Manufacturing Company Animal Care Division Millville, Pa. 17346 (717) 458-2211 |
| POS | Forma Scientific, Inc. P. O. Box 649 Marietta, Ohio 45750 (614) 373-4763 | GOF | Gofmoor Farm Fisher St. Westboro, Mass. 01581 (617) 366-2449 |
| FOT | Fort Dodge Laboratories P. O. Box 518 Ford Dodge, Iowa 50501 (515) 573-3131 | GOL | Golden View Rabbitry R. D. #1 Nazareth, Pa. 18064 (215) PL 9-0366 |
| FRA | Joseph E. Franklin Company 4309-11 Rising Sun Ave. Philadelphia, Pa. 19140 (215) DA 4-7200 | GOR | Gordon's Biological Supply Co. P. O. Box 684 Red Bank, N. J. 07701 (201) 741-8088 |
| FRE | Alton V. Freeman Spruce Pine, N. C. 28777 (704) 765-4148 | GP5 | The Graf-Apsco Co. 5868 Broadway Chicago, Ill. 60626 (312) LO 1-6085 |
| GAF | G F Supply Division, Standard Safety Equipment Co. 431 N. Quentin Rd. Palatine, Ill. 60067 (312) 359-1400 | GRA | Grason-Stadler Company, Inc. 15 Winthrop St. West Concord, Mass. 01781 (617) 369-3787 |
| GAG | A. F. Gagne, Associates 50 Wall St. Binghamton, N. Y. 13901 (607) RA 3-7519 | GRC | Grass Instrument Company 101 Old Colony Ave. Quincy, Mass. 02170 (617) 773-0002 |
| GAR | GARB-EL Products Corp. 443 Delaware Ave. Buffalo, N. Y. 14202 (716) 853-8600 | GRE | Great Falls Products Co., Inc. Great Falls Ave., P. O. Box 2305 Rochester, N. H. 03867 (603) 332-2626 |
| GEK | General Biochemicals Laboratory Park Chagrin Falls, Ohio 44022 (216) 247-4300 | GRO | Groundwood Products Company, Inc. P. O. Box 15125 Cincinnati, Ohio 45215 (513) 761-1701 or 761-1702 |
| GEN | General Foods Corporation Gaines Professional Services 250 North St. White Plains, N. Y. 10602 (914) 694-2500 | HAH | Hahn Metal Products P. O. Box 3314-A Birmingham, Ala. 35205 (205) 324-6652 |
| GEP | General Pet Supply Inc. 3227 N. 31st St. Milwaukee, Wis. 53216 (414) 445-3111 | HAI | Henry H. Hainline Creston, Iowa 50681 (515) 344-4366 |

SUPPLIER AND MANUFACTURER CODES Continued

| Code | Name | Code | Name |
|------|--|------|---|
| HAK | Hales & Hunter Co. 10 S. Riverside Plaza Suite 480 Chicago, Ill. 60606 (312) 332-4011 | HEI | Heinicke Instruments Company 2035 Harding St. Hollywood, Fla. 33020 (305) 937-3371 |
| HAL | The C. P. Hall Company of Illinois 5245 W. 73rd St. Chicago, Ill. 60638 (312) PO 7-4600 | HEL | Hel 'C' Bob Rabbitry P. O. Box 367 Westminster, Calif. 92663 |
| HAM | The Hamster House 1108 Wayne St. Ft. Worth, Tex. 76117 (817) TE 8-5764 | HEM | Hemlock Hollow Farm 414 Black Oak Ridge Rd. Wayne, N. J. 07470 (201) 694-0703 |
| HAN | Harborton Marine Laboratory P. O. Box 11 Harborton, Va. 23369 (703) 442-4669 or (301) 489-4235 | HEN | Henry Rabbit Farm 49 Auburn St. Saugus, Mass. 01906 (617) 233-5258 |
| HAO | Harford Metal Products, Inc. P. O. Box 459R Aberdeen, Md. 21001 (301) 272-3400 | HER | Herman T. Hernberg Mfg. Company 7300 Crescent Blvd. Pennsauken, N. J. 08110 (609) 663-3312 |
| HAS | Harris Hill Kennels R. D. #1 Elmira, N. Y. 14903 (607) 562-8109 | HEU | Heusser Instrument Company P. O. Box 1233 Walnut Creek, Calif. 94597 |
| HAT | Hartelust-Thorsen and Company Monmouth County Airport P. O. Box 488 Belmar, N. J. 07719 (201) 775-5116 | HEW | Hewlett-Packard Company, Loveland Division P. O. Box 301 Loveland, Colo. 80537 (303) 667-5000 |
| HAU | Hartford's Bunnyland 11180 Leeks Rd. Grass Lake, Rte. #2, Mich. 49240 (517) 851-4153 | HIC | Hickory Grove Rabbitry P. O. Box 111 Mammoth Spring, Ark. 72654 (501) 625-3625 |
| HAV | Harvard Apparatus Co. Inc. Department T-46 Dover, Mass. 02010 (617) 785-0700 | HID | Hill Packing Company P. O. Box 148 Topeka, Kans. 66601 (913) 354-8523 |
| HAZ | Hazleton Laboratories, Incorporated 1952 Newton Square, West Reston, Va. 22070 (703) 532-5800 | HIL | Hilldale Farms P. O. Box 728, R. D. #1 Franklinville, N. J. 08322 (609) 691-7286 |
| HBA | H <u>BAR</u> D Farm R. D. #1, Box 103 Lafayette, N. J. 07848 (201) 383-5635 | HOE | Hoeltge, Inc. 5243 Crookshank Rd. Cincinnati, Ohio 45238 (513) 922-4300 |
| HEA | Heat Systems Company 60 Broad Hollow Rd. Melville, N. Y. 11749 (516) 692-9590 | HOF | E. G. Hoffman & Son P. O. Box 815 Oshkosh, Wis. 54901 (414) 231-8720 |
| | | HCP | Hollywood Plastics, Inc. 4560 Worth St. Los Angeles, Calif. 90063 (213) 268-1181 |

SUPPLIER AND MANUFACTURER CODES *Continued*

| Code | Name | Code | Name |
|------|--|------|--|
| HOT | Holtsman Company P. O. Box 4068 421 Holtsman Rd. Madison, Wis. 53713 (608) 286-8573 | JAJ | J & J Caviary 8 Railroad St. Schuylkill Haven, Pa. 17972 (717) 386-1732 |
| HOW | Holsworth Company P. O. Box 186 Fayetteville, Ark. 72701 (501) HI 2-4535 | JAX | The Jackson Laboratory P. O. Box 258, Production Dept. Bar Harbor, Me. 04609 (207) 288-3373 Ext. 231 or 232 |
| HUB | Hubbard Farms, Inc. Walpole, N. H. 03608 (603) 756-3311 | JEJ | JEJA, Inc. Freetown Rd. Simpsonville, Md. 21160 (301) 288-3545 or 924-4501 |
| HUL | Hulda's Caviary Rte. #2, Box 108 Bridgewater, S. D. 57319 (605) 729-2370 | JOY | Joymar Scientific, Inc. 401 Broadway New York, N. Y. 10013 (212) CA 6-1373 |
| HYD | Hydor Therme Corporation 7155 Airport Highway Pennsauken, N. J. 08109 (609) 663-8600 | KAB | K.O.B. Associates, Inc. 180 Highie Lane, P. O. Box 91 West Islip, L.I., N. Y. 11795 (516) MO 9-4868 |
| HYL | Hy-Line Beagles Kellers Church Rd. Bedminster, Pa. 16910 (215) 785-2173 | KAN | Kane Ranch, Division of Kane Industries, Inc. 5757 Bellaire Blvd., Suite 117 Houston, Tex. 77038 (713) MO 7-5795 |
| INA | Industrial Acoustics Company, Inc. 360 Southern Blvd. Bronx, N. Y. 10454 (212) CY 2-0180 | KEM | Kempf's Cavy Farm Rte. #3 Shelby, Ohio 44876 (419) 687-6489 |
| INC | Industrial Dynamics - Division of American Sterilizer Co. P. O. Box 620 Erie, Pa. 16512 (814) 456-2021 | KEN | Kennedy Small Stock Farm 6487 Townline Rd. North Tonawanda, N. Y. 14204 (716) 433-2432 |
| IND | Industrial Washing Machine Corporation 32 Main St. Matawan, N. J. 07747 (201) 566-4660 | KET | Ketch All Company 2536 University Ave. San Diego, Calif. 92104 (213) 297-1953 |
| INL | Instrumentation Laboratory, Incorporated 9 Galen St. Watertown, Mass. 02172 (617) 926-1700 | KEW | Keweenaw Scientific Equipment Logan St. Adrian, Mich. 49221 (313) 285-7131 |
| INS | Instruments for Research & Industry 104 Franklin Ave. Cheltenham, Pa. 19012 (215) PI 5-4440 | KEY | Keystone Plastics Co. 701 Painter St. Media, Pa. 19063 (215) LO 6-1120 |
| INT | International Animal Exchange, Inc. 1489 E. 9 Mile Rd. Ferndale, Mich. 48220 (313) 545-3348 | KIM | Kimberly-Clark Corporation Neenah, Wis. 54957 (414) PA 2-3314 |
| IBA | Isacco's Rabbitry 202 N. Welch St. Hillsboro, Ill. 62049 (217) 532-2785 | KIR | Kirschner Mfg. Co. Rte. #2, Box 160 Vashon, Wash. 98070 (206) 463-3331 |

SUPPLIER AND MANUFACTURER CODES *Continued*

| Code | Name | Code | Name |
|------|---|------|---|
| LAA | LAB Associates, Inc. 13840 - 132nd Ave., N.E. Kirkland, Wash. 98033 (206) VA 2-5518 | LAW | The Lawton Company, Inc. 425 Park Ave. South New York, N.Y. 10016 (212) MU 4-4164 |
| LAB | LAB CAGES, Division of Becton, Dickinson and Company 126 John St. Hackensack, N.J. 07603 (201) 487-6266 | LEH | Lehigh Valley Electronics Engineering & Manufacturing Co., Inc. P. O. Box 125 Fogelsville, Pa. 18051 (215) 285-4211 |
| LAC | Labco Division - Partsco, Inc. 2977 Lamb Ave. Columbus, Ohio 43218 (614) 471-4040 | LEM | The Lemberger Company 1322 W. South Park Ave., P. O. Box 482 Oshkosh, Wis. 54901 (414) 231-8410 |
| LAD | Labco Industries, Inc. 196th & Rte #64 Homewood, Ill. 60430 (312) 798-9030 | LEN | Lenderking Metal Products, Inc. 1000 S. Linwood Ave. Baltimore, Md. 21224 (301) 276-2237 |
| LAE | LABCONCO 8811 Prospect Ave. Kansas City, Mo. 64132 (816) EM 3-1355 | LEP | Lepel High Frequency Laboratories, Inc. 84-18 37th Ave. Woodside, N.Y. 11377 (212) HA 6-4580 |
| LAF | LAB-CRAFTS, Inc. 11 DeHart St. Morristown, N.J. 07960 (201) 538-1715 | LEX | Lexington Instruments Corporation 241 Crescent St. Waltham, Mass. 02154 (617) 899-0410 |
| LAG | LABINDUSTRIES 1802 Second St. Berkeley, Calif. 94710 (415) 843-0220 | LIG | Lightner Enterprises P. O. Box 215 Thompsontown, Pa. 17094 (717) 535-5429 |
| LAH | Laboratory Animals - A. W. Sterrett 2224 Savoy Ave. Akron, Ohio 44305 (614) RE 3-1758 | LOK | Otto Martin Locke P. O. Drawer 731 New Braunfels, Tex. 78130 (512) MA 5-4523 |
| LAI | Laboratory Supply Company 5010 Mooresville Rd. Indianapolis, Ind. 46241 (317) 858-5752 | LOM | Lone Maple Rabbit Farms 643 Border City Rd. Geneva, N.Y. 14456 (315) 789-5243 |
| LAJ | Lake Champlain Frog Farms Alburg, Vt. 05440 (802) 798-3472 | LON | Lone Trail Kennels P. O. Box 46 Friedensburg, Pa. 17833 (717) 739-2111 |
| LAK | *Laksviwe Hamster Colony P. O. Box 85 Newfield, N.J. 08344 (609) 691-2786 | LOW | Lowell Corrugated Container Corporation P. O. Box 270, Bolt St. Lowell, Mass. 01852 (617) 458-8482 |
| LAN | John C. Landis 1908 Virginia Ave. Hagerstown, Md. 21740 | MAA | M. & J. Associates, Inc. P. O. Box 24 Timonium, Md. 21093 (301) 252-2127 |
| LAR | The Lanicare Corporation P. O. Box 34 Woodsboro, Md. 21798 (301) 845-5311 | MAC | Mackesey Farms 1330 E. Badger Rd., Rte. #3 Madison, Wis. 53713 |

SUPPLIER AND MANUFACTURER CODES Continued

| Code | Name | Code | Name |
|------|--|------|---|
| MAD | Madison Production Laboratories P. O. Box 4081 Madison, Wis. 53711 (608) 257-3384 | MDC | Massey-Dickinson Company, Inc. 9 - 11 Elm St. Saxonyville, Mass. 01701 (617) 877-2811 |
| MAG | Magyar's Hamster Farm R. D. #2 Grafton, Ohio 44044 (180) 225-5618 | MDM | Matthews Research, Inc. 4308 Wheeler Ave. Alexandria, Va. 22304 (703) 548-1600 |
| MAI | Mainridge Small Stock Center 8114 Troy Ave. Madison, Ill. 62060 (318) GL 2-3320 | MDX | Maxfield Animal Supply P. O. Box 44004 Cincinnati, Ohio 45244 (513) 861-9100 |
| MAL | Major Farms, Inc. Staatsburg, N.Y. 12580 (914) 876-3826 or 845-3278 | MED | Med-Science Electronics, Inc. 2647 Locust St. Louis, Mo. 63103 (314) JE 5-7800 |
| MAM | Maple City Rabbit Industries P. O. Box 181 Ogdensburg, N. Y. 13669 (315) 383-2840 | MEE | Meese, Inc. P. O. Box 308 Madison, Ind. 47360 (312) 865-3331 |
| MAO | Maple Grove Rabbitry 1803 W. Phelps St. Springfield, Mo. 65803 (417) 669-5355 | MEQ | Metalab Equipment Company 270 Duffy Ave. Hicksville, N. Y. 11801 (516) WE 1-3100 |
| MAP | Maplevue Farm E. Camp Rd. Germantown, N. Y. 12526 (314) LE 7-6694 | MET | Metronics Corp. P. O. Box 406, 183 East St. Frederick, Md. 21701 (301) 662-4129 |
| MAQ | Marine Tropicals, Hawaii P. O. Box 838 Kailua, Hawaii 96734 283912 | MIC | Microbiological Associates, Inc. Walkersville, Md. 21793 (301) 846-2311 |
| MAR | Marland Breeding Farms, Inc. P. O. Box 75 Wayne, N. J. 07470 (201) 694-5569 or 694-5780 | MIE | Micro-Fine Instruments P. O. Box 11 Campbell, Calif. 95008 (408) 378-4360 |
| MAS | Gilman Marshall Ferret & Beagle Ranch North Rose, N. Y. 14516 (315) LT 7-2296 | MIF | Russell Miller Farms 3978 Nine Rd. Cazenovia, N. Y. 13035 (315) 655-3023 |
| MAZ | George Mazur Enterprises, Research Division 77 Eye St., S. E. Washington, D.C. 20003 (202) 543-1100 | MIL | *Millerton Research Farm, Inc. Rudd Pond Rd. Millerton, N. Y. 12546 (914) 759-4644 |
| MBR | Maryland Breeders for Research 4343 Burtonsville-Laurel Rd. Burtonsville, Md. 20730 (301) 384-7070 | MIV | Virginia G. Mills 4309 Evergreen Lane Annandale, Va. 22003 (703) 255-0964 |
| MBS | Maryland Plastics, Inc., Econo Scientific Division 9 E. 37th St. New York, N. Y. 10018 (212) MU 5-5681 | MTW | Minerals & Chemicals Division of Minerals & Chemicals Philipp Corp. Menlo Park, N. J. 07637 (201) 548-2200 |

SUPPLIER AND MANUFACTURER CODES Continued

| Code | Name | Code | Name |
|------|--|------|--|
| MIY | Misco Biological, Inc. 6780 Jackson Rd. Ann Arbor, Mich. 48108 (313) NO 5-8101 | NUC | Nuclear Supply & Service Co. 422 Washington Building Washington, D.C. 20008 (303) ST 3-3480 |
| MOS | Morrison's Small Stock Farm P. O. Box 395 Hiram, Ohio 44234 (216) 274-2687 | NUL | Nucleonic Corporation of America 198 DeGraw St. Brooklyn, N.Y. 11231 (212) 634-7370 |
| MOY | The Emory Morse Co. P. O. Box 313 Guilford, Conn. 06437 (203) 453-2757 | NUM | Nutrena Mills, Division of Cargill, Inc. Cargill Building Minneapolis, Minn. 55408 (612) 330-7078 |
| MUR | Murphy Products Co., Inc. 124 S. Dodge St. Burlington, Wis. 53105 (414) 763-3866 | NUT | Nutritional Biochemicals Corporation 21010 Miles Ave. Cleveland, Ohio 44138 (216) 662-0212 |
| MYE | Harry E. Myers Laboratory Animals R. D. #6 York, Pa. 17404 (717) 843-8244 | OAC | Oak Shadows Farm Rte. #8, 5933 S. 9th St. Kalamazoo, Mich. 49001 (216) 342-9682 |
| NAO | Nash, Cadmus, & Voelker, Inc. 621 Meadowbrook Bank Building Freeport, N.Y. 11520 (516) 868-1111 | OAD | Oakdale Farm & Kennel R. R. #3 Decatur, Ind. 46733 (219) 320097 |
| NAT | National Cylinder Gas, Division of Chemetron Corporation 840 N. Michigan Ave. Chicago, Ill. 60611 (312) 944-3100 | OAK | Oakite Products, Inc. 19 Rector St. New York, N.Y. 10006 (212) WH 3-0940 |
| NEA | Newhall Aviary Rte. #1, Box 385 B Lodi, Calif. 95240 (209) 831-2479 | OBR | Marvin O'Brien Rte. #3, Syme Rd. Madison, Wis. 53713 (608) 255-1435 |
| NEW | New Springville Laboratory Animals 300 Robinson Ave. Staten Island, N.Y. 10312 (212) YU 4-8619 | OCE | Oceanic Associates, Inc. 280 Parkside Drive Palo Alto, Calif. 94306 (415) 327-0349 |
| NEY | New York Breeding Laboratory 41 W. 72nd St. New York, N.Y. 10023 (212) SU 7-1337 | OCT | October Hills Farm Rte. #1 Galesburg, Mich. 49053 (616) 665-5011 |
| NOR | Northwest Rodent Company Rte. #2, Box 113 Pullman, Wash. 99163 (509) LO 5-6353 | OOR | Flora O'Grady 2336 Gunther Ave. New York, N.Y. 10469 (212) OL 2-7777 |
| NUA | Nuclear Data, Inc. 100 W. Golf Rd. Palatine, Ill. 60067 (312) 529-4600 | OHA | Ohaus Scale Corporation 1050 Commerce Ave. Union, N.J. 07083 (201) 685-3400 |
| NUB | Nuclear Supplies, Inc. P. O. Box 312 Encino, Calif. 91316 (213) 787-1722 | OLD | Old Dominion Cavy Farm R. F. D. #2 Waynesboro, Va. 22980 (703) 943-9757 |

SUPPLIER AND MANUFACTURER CODES Continued

| Code | Name | Code | Name |
|------|--|------|--|
| OLM | Old Mother Hubbard Dog Food Co., Inc. P. O. Box 339 Gloucester, Mass. 01930 (617) 283-0944 | PEF | Perfection Breeders, Inc. P. O. Box 75 Douglassville, Pa. 19518 (215) 385-3800 |
| OLO | Con Olson Co., Inc. P. O. Box 4081 Madison, Wis. 53711 (608) 287-3354 | PER | Samuel Perkins Company P. O. Box 308 Brookline, Mass. 02146 (617) RE 4-7150 |
| OSC | Oceocela Cavies & Small Animal Farm 2812 Beaumont Ave. Kissimmee, Fla. 33741 (305) 847-3408 | PET | The Pet Corral 4146 Oracle Rd. Tucson, Ariz. 85708 (602) 287-2484 |
| OSW | Mrs. Ma Gwald P. O. Box 238 Martins Creek, Pa. 18663 (215) 283-8830 | PEW | The Pet Farm 3310 N.W. South River Drive Miami, Fla. 33148 (305) 633-6819 |
| PAB | Pacific Bio-Marine Supply Co. P. O. Box 285 Venice, Calif. 90293 (213) 381-8307 | PEX | Pet Farms 196th & Rte. #64 Homewood, Ill. 60430 (312) 788-9030 |
| PAC | Pacord Research Inc. 13000 S.W. Butner Rd. Beaverton, Ore. 97005 (503) 644-0337 | PEZ | Pete Acres Hampton, N. J. 08827 (201) 538-6476 |
| PAI | Paine Mountain Rabbitry R. F. D. #1 Williamstown, Vt. 05679 (802) 283-8437 | PIR | Pine Ridge Caviary Rte. 44, Box 788 Clinton, Tenn. 37716 (615) 457-0847 |
| PAL | Palmetto Pigeon Plant P. O. Box 1886 Sumter, S. C. 29160 (803) 775-1204 | POC | Pocono Rabbit Farm & Laboratory Canadensis, Pa. 18328 (717) 595-7108 |
| PAT | Patti Plastics, Inc. 250 Goffle Rd. Hawthorne, N. J. 07506 (201) 427-7500 | POR | Porter Mathews Scientific Co. U.S. Rte. #1 Princeton, N. J. 08540 (201) 821-2880 |
| PAX | Paxton Processing Co., Inc. 107 W. State St. Paxton, Ill. 60957 (317) 369-2302 | PRI | The Prior-Wilholte Co. P. O. Box 430 Frederick, Md. 21701 (301) 664-2134 |
| PEA | Peaceful Valley Laboratory Animals P. O. Box 286 Chinchilla, Pa. 18410 (717) 687-3688 | PRM | Primate Imports Corporation 34 Munson St. Port Washington, L.I., N. Y. 11050 (516) 787-7945 or (212) 656-7745 |
| PEC | Pennsylvania Scale Company 21 Graybill Rd. Leola, Pa. 17540 (717) 656-3911 | PRO | Process & Instruments Corporation 1843 Broadway Brooklyn, N. Y. 11207 (212) 452-8380 |
| PEL | Pel-Freez Biologicals, Inc. P. O. Box 68 Rogers, Ark. 72756 (501) 636-2245 | PRP | Production Cleaning Systems, Division of National Ultrasonic Corp. James St., P. O. Box 460 Somerville, N. J. 08876 (201) 722-5200 |

SUPPLIER AND MANUFACTURER CODES Continued

| Code | Name | Code | Name |
|------|--|------|--|
| PRT | Professional Tape Co., Inc. 355 Burlington Rd. Riverside, Ill. 60646 (312) 917-7700 | REB | Research Animals, Inc. 3113 Dixie Highway Louisville, Ky. 40216 (502) 536-7887 |
| PRV | Professional Veterinary Services, Inc. 523 W. 26th St. Miami, Fla. 33101 (305) 488-1838 | REU | Research Equipment Company, Inc. 810 S. Main St. Bryan, Tex. 77801 (713) 822-6127 |
| PUR | Purebred Animals for Research, Inc. P. O. Box 278 Truhle Cove Rd. North Billerica, Mass. 01861 (317) 933-8318 | REY | Reyniers & Son, Inc. 3806 N. Ashland Ave. Chicago, Ill. 60613 (312) 472-0018 |
| PUS | Pushkarsky Rabbit & Worm Ranch 5322 Airview Rd. Memphis, Tenn. 38108 (901) 398-1508 | RID | Rider Animal Co., Inc. 5409 Stratemeyer Drive Orlando, Fla. 32809 (305) 855-8618 |
| QUA | Quaker Oats Company 348 Merchandise Mart Chicago, Ill. 60654 (312) 527-0600 | ROC | Rockland Farms, Inc. P. O. Box 316 Gilbertsville, Pa. 19628 (215) 369-1008 |
| QUE | The Quebec Breeding Farm, Inc. 806 Riviere Nord St.-Eustache, Co. Deux Montagnes Prov. Quebec, Canada (514) 473-6884 | ROF | Rocky Hill Farms R. D. #1, Box 78 Warwick, N. Y. 10990 (914) 866-3668 |
| RAL | Ralston-Purina Company 835 S. 8th St. St. Louis, Mo. 63102 (314) CH 1-3600 | ROL | Dan Rolfameyer Co. Syene Rd. Madison, Wis. 53713 (608) 266-6149 |
| RAM | Ramco Equipment Corp. 40 Montgomery St. Hillside, N. J. 07205 (201) 687-6700 | ROM | Roma Kennels, Inc. Main St. Dunstable, Mass. 01827 (517) 649-6814 |
| RAW | *Rawley Farms 46806 W. Ann Arbor Rd. Plymouth, Mich. 48170 (313) GL 3-4780 | ROS | Rose Valley Mousery Rte. #1, Box 683 Saint Cloud, Fla. 32769 (305) 882-4313 |
| REA | The Red Pines Incorporated Willard, Wis. 54493 (715) 743-3064 | ROW | Rowmar Rabbitry, Inc. Rte. #1 Mount Airy, Md. 21771 (301) 665-5671 |
| RED | Redwood Game Farms 1268 N. Redwood Rd. Salt Lake City, Utah 84116 (801) 355-3511 | ROY | *Royalhart Lab. Animals Inc. New Hampton, N. Y. 10558 (914) DR 4-5891 or DR 4-5801 |
| REI | Reid's Hamstery W. Palmetto St., Box 1151 Avon Park, Fla. 33825 (813) 3-3028 | RUG | Rugged Plastics Co. 110 E. 43rd St. New York, N. Y. 10017 (212) OX 7-3668 |
| REP | Reptile Aquatic Supply Co. 75 Rte. #208 Wyckoff, N. J. 07481 (201) GI 5-3333 | SAG | Sage Instruments, Inc. 2 Spring St. White Plains, N. Y. 10601 (914) 949-4121 |

SUPPLIER AND MANUFACTURER CODES Continued

| Code | Name | Code | Name |
|------|---|------|--|
| SAN | Sandy Hills Rabbitry Rte. #8, Box 148N Victoria, Tex. 77801 (812) 353-9083 | SHI | Hayes G. Shimp, Inc. 870 Willis Ave. Albertson, N.Y. 11507 (516) 745-0284 |
| SAR | E. H. Sargent & Co. 4847 W. Foster Ave. Chicago, Ill. 60630 (312) 257-2700 | SIG | Sigel Laboratories P. O. Box 5177 Akron, Ohio 44313 (216) 239-6947 |
| SAU | The Richard G. Saunders Corp. #1 Bell Blvd. Richmond, Va. 23224 (703) BE 3-2903 | SIM | Simonsen Laboratories, Inc. Rte. #1, Box 128, Day Rd. Gilroy, Calif. 95020 (408) 842-2169 |
| SCH | "A. R. Schmidt Co., Inc. 2828 Latham Drive Madison, Wis. 53713 (608) 257-8717 | SIR | Sirco Instruments Corp. 300 Northern Blvd. Great Neck, N.Y. 11021 (516) 486-8218 |
| SCI | Peter J. Schweitzer Division Kimberly-Clark Corporation Windom, Minn. 56101 (607) 831-3444 | SKI | Skidmore Enterprises 3217 Buell Ave. Cincinnati, Ohio 45211 (513) 842-6161 |
| SCI | Scientific Instrument Company 2680 S.W. Temple Salt Lake City, Utah 84118 (801) 465-1601 | SML | W. C. Smith, Naturalist P. O. Box 1662 Ocala, Fla. 32670 (904) 622-5875 |
| SCK | Scientific Products, Division of American Hospital Supply Corporation 1210 Leon Place Evanston, Ill. 60201 (312) 848-0900 | SNL | Snyder Laboratories, Division of Snyder Mfg. Co., Inc. 1458 Fifth St., N.W. New Philadelphia, Ohio 44663 (316) 2-0181 |
| SCL | Scientific Small Animal Laboratory & Farm, Inc. 401 W. Golf Rd. Arlington Heights, Ill. 60005 (312) 437-4738 | SOR | Borg Products Co. Ligonier, Ind. 46767 (219) 894-4131 |
| SHA | Shamrock Farms, Inc. R. D. #3 Middletown, N.Y. 10540 (914) 348-3961 | SOU | The Southern Cross Manufacturing Corp. Chambersburg Trust Company Building 14 N. Main St. Chambersburg, Pa. 17201 (717) 264-7158 |
| SHB | Shamrock Poultry & Breeding Farms 380 Church Lane North Brunswick, N.J. 08902 (201) 297-0646 | SPA | SPAFAR, Inc. R.F.D. #3 Norwich, Conn. 06360 (203) 889-1389 |
| SHE | Sherer-Olllett Company Environmental Division Marshall, Mich. 49068 (616) 781-3815 | SPB | Spartan Research Animals, Inc. 5735 N. Shoeman Rd. Haslett, Mich. 48840 (517) 655-1100 |
| SHF | Sherwood Feed Mills, Inc. Eastern Ave. and President St. Baltimore, Md. 21202 (301) 539-8880 | SPC | Specialty Equipment Co. P. O. Box 4182, North Station Winston-Salem, N.C. 27105 (919) 724-7036 |

SUPPLIER AND MANUFACTURER CODES Continued

| Code | Name | Code | Name |
|------|--|------|--|
| SPD | *Sprague-Dawley, Inc. P. O. Box 4220 Madison, Wis. 53711 (608) 233-5318 | TAC | *Taconic Farms Inc. Germantown, N. Y. 12526 (518) 637-6208 |
| STA | Stanford Glassblowing Lab., Inc. 970 San Antonio Rd. Palo Alto, Calif. 94303 (415) 381-3828 | TAR | Tarpon Zoo P. O. Box 947 Tarpon Springs, Fla. 33589 (813) 937-4801 |
| STE | E. G. Steinbiber & Co., Inc. 108 Jesslyn St. Oshkosh, Wis. 54901 (414) 233-1880 | TEK | Teklad, Incorporated (Rockland Diets) P. O. Box 9348 Monmouth, Ill. 61462 (309) 734-3818 or 734-3824 |
| STK | Joseph E. Stocker 44 N. Central Ave. Ramsey, N. J. 07446 (201) 387-1064 | TEN | Tenney Engineering, Inc. 1090 Springfield Rd. Union, N. J. 07083 (201) 686-7870 |
| STL | Ted Stockwell Manufacturing Company Morenci, Mich. 49265 (313) 623-3636 | TEX | Texas Inbred Mice Company 306 Almeda-Geneva Rd. Houston, Tex. 77047 (713) 433-1585 |
| STR | Sturdy Dog Food Company 2103 W. Genesee St. Syracuse, N. Y. 13219 (318) NO 8-4111 or MU 8-2311 | THE | Theracon, Inc. 4000 Meridian Rd. P. O. Box 1493 Topeka, Kans. 66601 (913) 233-7451 |
| STT | Stuttles Guinea Pig Farm 3020 Bath Rd. Bristol, Pa. 16007 (318) 758-1178 | THO | Thornicroft Farms R. D. #1, Box 310 Saxonburg, Pa. 16056 |
| SUN | Sunnybrook Poultry Farm, Inc. R. D. #8 Hudson, N. Y. 12534 (518) TA 8-1611 | THP | Thorobred Laboratory Animals, Inc. P. O. Box 21274, Standiford Station Standiford Field Louisville, Ky. 40281 (502) 279-6188 or 634-0658 |
| SUC | Sunrise Mousery and Cavies 215 Old New Brunswick Rd. New Market, N. J. 07868 (201) PL 2-5036 or PL 7-7416 | THR | Three Springs Kennels 146 Bascom St. Pittsburgh, Pa. 15214 (412) 831-2003 |
| SUP | Superior Chemical Products, Inc. 47 N. Second St. Philadelphia, Pa. 19106 (215) WA 8-8640 | THV | Thrivo Co., Inc. 819 N. Front St. Philadelphia, Pa. 19123 (215) WA 8-4356 |
| SUT | Arthur Sutler 1813 W. Phelps Springfield, Mo. 65802 (417) UN 8-5342 | TOB | Tobias Rabbitry R. D. #3, Box 102 Nazareth, Pa. 18064 (315) 759-2471 |
| SWI | Swift Instruments, Inc. 1190 N. 4th St. San Jose, Calif. 95112 (408) 293-2380 | TOR | The Torsion Balance Company 35 Monhegan St. Clifton, N. J. 07013 (201) 473-6900 |
| SYR | Syrail Manufacturing Co., Inc. 318 N. Salina St. Syracuse, N. Y. 13203 (315) 471-4934 | TOW | Town Line Poultry Farm Zeeland, Mich. 49464 (616) PR 2-6514 |

SUPPLIER AND MANUFACTURER CODES *Continued*

| Code | Name | Code | Name |
|------|--|------|---|
| TRA | C. F. Traugott & Son P. O. Box 800 San Antonio, Tex. 78206 (512) 223-6331 | VEY | Veterinary Specialties Laboratory 1628 Woodbrook Lane Philadelphia, Pa. 19150 (215) CH 7-0828 or CH 7-3677 |
| TRE | Trefflich's Bird & Animal Co., Inc. 228 Fulton St. New York, N. Y. 10007 (212) 349-0592 | VIT | Vita Private Limited 32 Alipore Rd. Civil Lines Delhi - 6, India 220576 |
| TRI | Tri-Co Research Projects, Inc. 6960 E. Kilgore Rd. Kalamazoo, Mich. 49001 (616) 349-9181 | VIV | Vita Vet Laboratories P. O. Box 108 Marion, Ind. 46952 (317) 684-0013 |
| TRR | Tri-R Instruments, Inc. 144-13 Jamaica Ave. Jamaica, N. Y. 11435 (212) JA 3-0041 | VOK | VO-KAL Company, Inc. 185 Locust St. Northampton, Mass. 01060 (413) 584-9477 |
| TRS | Truslow Farms, Incorporated Chesterstown, Md. 21620 (301) 778-3000 | VOL | The Vollrath Company P. O. Box 611 Sheboygan, Wis. 53082 (414) 457-4851 |
| TUM | Tumblebrook Farm, Inc. Brant Lake, N. Y. 12815 (518) CH 5403 | WAG | Wagner Mfg. Co., Inc. 542 Main St. West Townsend, Mass. 01474 (617) 597-8770 |
| TWN | Twin Oak Farm Creek and Cox Rds. Morristown, N. J. 08057 (609) 235-2908 | WAH | Wahmann Manufacturing Company P. O. Box 6263 Baltimore, Md. 21204 (301) 252-2000 |
| ULT | Ultrasonic Industries, Inc. Ames Court Plainview, N. Y. 11803 (516) OV 1-2000 | WAL | Wall Tube and Metal Products Company P. O. Box 330 Newport, Tenn. 37821 (615) 623-2391 |
| UNI | Unifab Corporation 5260 Lovers Lane Rd. Kalamazoo, Mich. 49002 (616) 346-0147 | WAY | West Gate Hills Rabbitry 1460 Stokes Park Rd. Bethlehem, Pa. 18017 (215) 867-5667 |
| UNO | UNO Manufacturing Company P. O. Box 55 Belmar, N. J. 07719 (201) 775-2334 | WBS | West Jersey Biological Supply S. Marion Ave. Wenonah, N. J. 08090 (609) UL 7-0861 |
| VAC | Vacudyne Corp. 375 E. Joe Orr Rd. Chicago Heights, Ill. 60411 (312) 374-2200 | WEA | Western Chemical Company 1500 Davidson Ave. San Francisco, Calif. 94124 (415) 826-3636 |
| VAN | G. van den Brink N. V. P. O. Box 15 Soest, The Netherlands (02955) 2844 | WEE | Western New York Animal Resources, Inc. 10 Boston Pd. Ontario, N. Y. 14519 (716) TR 2-2312 |
| VET | VETCO, Division of Johnson & Johnson 501 George St. New Brunswick, N. J. 08903 (201) 524-6123 | WHI | White Animal Farm R.F.D. #4 Scarboro, Me. 04074 |

SUPPLIER AND MANUFACTURER CODES Continued

| Code | Name | Code | Name |
|------|--|------|---|
| WHL | White Eagle Farms R. D. #3, 2015 Lower State Rd. Doylestown, Pa. 18901 (215) 348-8159 | WOD | Woodmen Animal Farm 17 Waltham Rd. Wayland, Mass. 01778 (617) 1-368-2188 |
| WHY | Whitney Animal Laboratories R. D. #3 Horseheads, N. Y. 14845 (607) 739-5456 | WRI | R. G. Wright Company, Inc. 2280 Niagara St. Buffalo, N. Y. 14207 (716) 877-0700 |
| WID | Will Scientific, Inc. P. O. Box 1050 Rochester, N. Y. 14603 (716) BR 1-8200 | WYA | Wyandotte Chemicals Corporation, J. B. Ford Division Wyandotte, Mich. 48192 (313) 282-3300 |
| WIE | Wilmot Castle Company 1777 E. Henrietta Rd. Rochester, N. Y. 14623 (716) BR 1-6060 | WYT | Wyatt Industries P. O. Box 3052 Houston, Tex. 77001 (713) UN 1-6141 |
| WIG | Windsor Biology Gardens P. O. Box 1210 Bloomington, Ind. 47401 (812) 338-5000 | YEL | Yellow Springs Instrument Co., Inc. P. O. Box 279 Yellow Springs, Ohio 45387 (613) 767-7242 |
| WIN | Windy Acres Farm R. D. #2 Altamont, N. Y. 12008 (518) 861-6672 | ZAR | Marlin U. Zartman R. D. #2 Douglassville, Pa. 19518 (215) 365-3377 |
| WIP | Wingford Kennels Reg. 2 Woodland Place Grosse Pointe, Mich. 48230 (313) TU 2-4201 | ZEE | F. J. Zeehandelaar, Inc. 405 North Ave. New Rochelle, N. Y. 10801 (914) 636-2098 |
| WIR | Wirthmore Feeds Inc. 343 Winter St. Waltham, Mass. 02154 (617) 894-7750 | ZIM | Zimmerman Laboratory Animals 4849 Prescott Lincoln, Nebr. 68461 |
| WOA | Michael Wood Products, Inc. 635 Midland Ave. Garfield, N. J. 07026 (212) 478-3000 | ZOO | Zoological Center, International 15W506 W. 63rd (Burr Ridge) Hinckley, Ill. 60521 (312) 325-3256 |
| WOC | Woodard Research Corporation P. O. Box 405 Herndon, Va. 22070 (703) 437-1600 | ZUC | Zucca's Hamstery P.O. Box 507 Vineland, N. J. 08360 (609) 691-3018 |

*Codes of organizations accompanied by an asterisk designate members of the Laboratory Animals Breeders Association, an organization established to "promote and maintain ethical practices in regard to the production and marketing of laboratory animals."

() Numbers within parentheses are Area Code numbers.

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